

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING 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
 (707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Changxing Island, Shanghai, P.R. China**Report No:** NCR-000753**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 31-May-2010**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0716**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: OBG Segment 10CW
Procedural	Procedural	Description: Missed UT Indication by QC	

Reference Description: 4 Missed UT indications found by QA after ZPMC QC has previously tested and accepted these welds in Segment 10CW

Description of Non-Conformance:

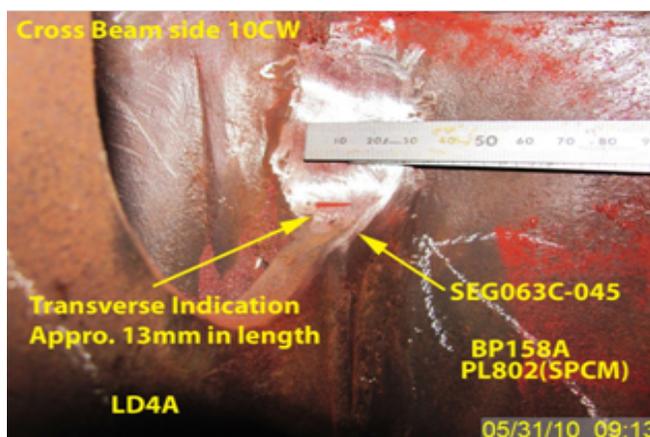
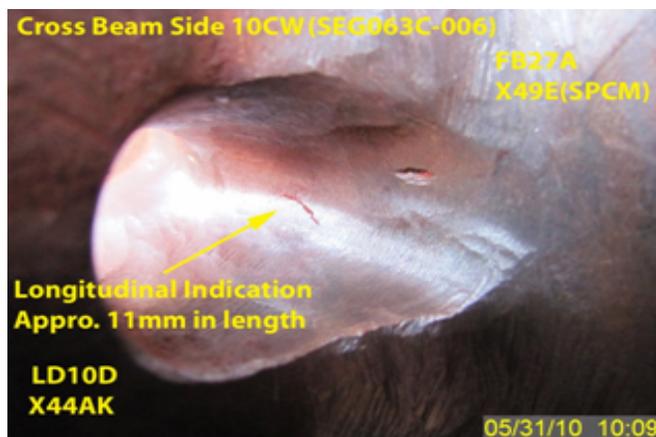
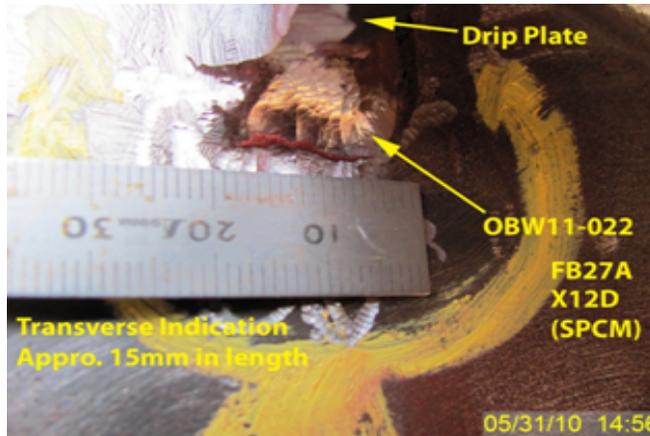
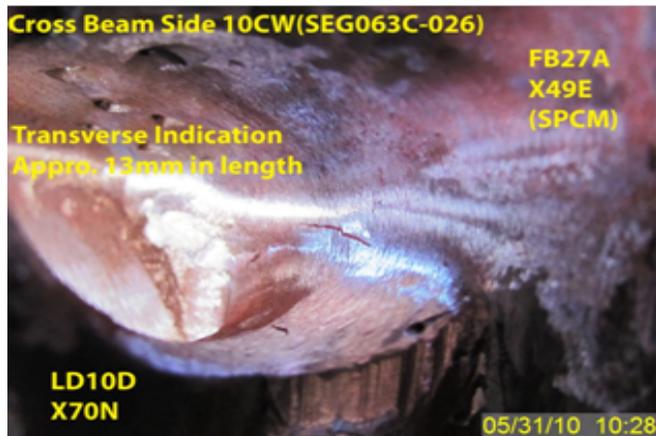
During the Quality Assurance (QA) Magnetic Particle Testing (MT) review of welds located on Segment 10CW, this QA Inspector discovered four (4) linear indications on the following welds:

- Weld #SEG063C-045: One (1) Transverse linear indication measuring approximately 13 mm in length.
- Weld #OBW11-022: One (1) Transverse linear indication measuring approximately 15 mm in length.
- Weld #SEG063C-026: One (1) Transverse linear indication measuring approximately 13 mm in length.
- Weld #SEG063C-006: One (1) Longitudinal linear indication measuring approximately 11 mm in length.
- All indications are clearly marked on the material near the weld.
- All welds are designated as Seismic Performance Critical Material (SPCM).
- Weld SEG063C-045 is a Complete Joint Penetration (CJP) joint joining between LD4A (X68B) Non SPCM to BP158A (PL802A) SPCM at Cross Beam Side.
- Weld OBW11-022 is a fillet weld joint joining between Drip plate to Floor Beam FB27A(X12D) SPCM at Panel Point PP94 (Cross Beam Side).
- The weld SEG063C-026 is a CJP weld joint joining between FB27A (X49E) SPCM to LD10D (X70N) Non SPCM.
- The weld SEG063C-006 is a CJP weld joint joining between FB27A (X49E) SPCM to LD10D (X44AK) Non SPCM.
- OBG segment 10CW is located outside west of Bay#16.

The Notice of Witness Inspection Number (NWIT) is 005839. The indications are located within the area that has been previously tested by ZPMC Quality Control (QC) personnel.

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 3)



Applicable reference:

Special Provisions Section 8.3 – “Quality Control (QC) shall be the responsibility of the Contractor. As a minimum, the Contractor shall perform inspection and testing of each weld joint prior to welding, during welding, and after welding as specified in this section and to ensure that materials and workmanship conform to the requirements of the contract documents.”

AWS D1.5 (02) Section 6.26.2 – “Welds that are subject to MT in addition to visual inspection shall have no cracks.

Who discovered the problem: Subhasis Bera

Name of individual from Contractor notified: Yang Chao

Time and method of notification: 1600 hours, 05/31/10, Verbal

Name of Caltrans Engineer notified: Sean Eagen

Time and method of notification: 0830 hours, 06/01/10, Verbal

QC Inspector's Name: Li Ping

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

N/A

Comments:

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 3 of 3)

concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By: Tsang, Eric SMR

Reviewed By: Devey, Jim SMR



DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge
 666 Feng Bin Road Room 708, Changxing Island
 Shanghai 201913 PR China
 Tel: 021-56856666 ext 207061 Fax:

NON-CONFORMANCE REPORT TRANSMITTAL

To: AMERICAN BRIDGE/FLUOR, A JV
 375 BURMA ROAD
 OAKLAND CA 95607

Date: 01-Jun-2010

Contract No: 04-0120F4
 04-SF-80-13.2 / 13.9

Dear: Mr. Charles Kanapicki
Job Name: SAS Superstructure

Attention: Mr. Thomas Nilsson Project/Fabrication Manager
Document No: 05.03.06-000711

Subject: NCR No. ZPMC-0716

Reference Description: 4 Missed UT indications found by QA after ZPMC QC has previously tested and accepted these welds in Segment 10CW

The attached Non-Conformance Report describes an occurrence where the contractor did not comply with a requirement of the contract document as indicated below:

- Material or Workmanship not in conformance with contract documents.
- Quality Control (QC) not performed in conformance with contract documents.
- Recurring QC issue that constitutes a systematic problem in quality control.
- Non-Conformance Resolved.

Material Location: OBG **Lift:** 10

Remarks:

- During the Quality Assurance (QA) Magnetic Particle Testing (MT) review of welds located on Segment 10CW, this QA Inspector discovered four (4) linear indications on the following welds:
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- OBG segment 10CW is located outside west of Bay#16.

The Notice of Witness Inspection Number (NWIT) is 005839. The indications are located within the area that has been previously tested by ZPMC Quality Control (QC) personnel.

Action Required and/or Action Taken:

Propose a resolution for the identified non-conformance with revised procedures to prevent future occurrences. A response for the resolution of this issue is expected within 7 days.

Transmitted by: Sean Eagen Transportation Engineer

NCT

(Continued Page 2 of 2)

Attachments: ZPMC-0716

cc: Rick Morrow, Gary Pursell, Peter Siegenthaler, Stanley Ku, Brian Boal, Jason Tom, Contract Files, Ching Chao, Bill Casey

File: 05.03.06

NCR PROPOSED RESOLUTION

To: CALTRANS - SAS Superstructure
333 Burma Road
Oakland CA 94607

Dated: 11-Jun-2010

Contract No.: 04-0120F4
04-SF-80-13.2 / 13.9

Attention: Pursell, Gary
Resident Engineer

Job Name: SAS Superstructure

Document No.: ABF-NPR-000708 Rev: 00

Ref: 05.03.06-000711

Subject: NCR No. ZPMC-0716

Contractor's Proposed Resolution:

Reference Resolution: ZPMC will provide NDT to show these welds are acceptable after the repairs are complete. Based on this proposal ZPMC requests that this NCR be approved, with actions pending.

ZPMC will provide NDT to show these welds are acceptable after the repairs are complete. Based on this proposal ZPMC requests that this NCR be approved, with actions pending.

Submitted by: Ishibashi, Joshua

Attachment(s): ABF-NPR-000708R00

Caltrans' comments:

Status: AAP

Date: 14-Jun-2010

This proposed resolution is accepted, action pending. Please provide NDT results for these welds upon completion of the repairs.

Submitted by: Eagen, Sean

Date: 14-Jun-2010

Attachment(s):

NCR PROPOSED RESOLUTION

To: CALTRANS - SAS Superstructure
333 Burma Road
Oakland CA 94607

Attention: Pursell, Gary
Resident Engineer

Ref: 05.03.06-000711

Subject: NCR No. ZPMC-0716

Dated: 28-Jun-2010

Contract No.: 04-0120F4
04-SF-80-13.2 / 13.9

Job Name: SAS Superstructure

Document No.: ABF-NPR-000708 Rev: 01

Contractor's Proposed Resolution:

Reference Resolution: ZPMC requests that these NCRs be closed as any potential issues with the fit up will have to be resolved in Oakland by ABFJV and ZPMC will be unable to perform any corrective actions to close the NCR.

ZPMC requests that these NCRs be closed as any potential issues with the fit up will have to be resolved in Oakland by ABFJV and ZPMC will be unable to perform any corrective actions to close the NCR. If a potential issues arises a subsequent NCR should be issued at the jobsite where actions there can resolve the issue. Based on this ZPMC requests closure of this NCR.

Submitted by: Ishibashi, Joshua

Attachment(s): ABF-NPR-000708R01

Caltrans' comments:

Status: REJ

Date: 07-Jul-2010

The proposed resolution is not pertaining to the NCR.

Submitted by: Woo, Laraine

Date: 07-Jul-2010

Attachment(s):

NCR PROPOSED RESOLUTION

To: CALTRANS - SAS Superstructure
333 Burma Road
Oakland CA 94607

Dated: 13-Jul-2010

Contract No.: 04-0120F4
04-SF-80-13.2 / 13.9

Attention: Pursell, Gary
Resident Engineer

Job Name: SAS Superstructure

Document No.: ABF-NPR-000708 Rev: 02

Ref: 05.03.06-000711

Subject: NCR No. ZPMC-0716

Contractor's Proposed Resolution:

Reference Resolution: ZPMC has repaired the missed indications and is providing NDT documentation to show that the welds are acceptable.

ZPMC has repaired the missed indications and is providing NDT documentation to show that the welds are acceptable. The ZPMC QA Manager has instituted a more rigorous measures to prevent future occurrences, VT shall be performed and accepted prior to any MT also the MT will continue to be checked twice to decrease the possibility of missed indications. Based on this ZPMC requests closure of this NCR.

Submitted by: Ishibashi, Joshua

Attachment(s): ABF-NPR-000708R02;

Caltrans' comments:

Status: AAP

Date: 19-Jul-2010

The proposed resolution for NCR ZPMC-0716 is accepted, action pending. The indication noted on weld OBW11-022 was removed by grinding. Please submit an MT report verifying the indication was removed.

Submitted by: Woo, Laraine

Date: 19-Jul-2010

Attachment(s):



No. B-794

LETTER OF RESPONSE

TO: American Bridge/Flour

DATE: 2010-6-21

REGARDING: NCR-000753(ZPMC-0716)

ZPMC acknowledges the four indications were missed and is providing the NDT records show these indications have been removed, repaired and are now acceptable. Please be noticed one indication on OBW11-022 was removed after grinding. Based on this, please consider closure of this NCR.

ATTACHMENT:

NCR-000753(ZPMC-0716)

B787-MT-23669 R1

B787-UT-23668 R1

Jun 21
9/21/10



DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge
666 Feng Bin Road Room 708, Changxing Island
Shanghai 201913 PR China
Tel: 021-56856666 ext 207061 Fax:

NON-CONFORMANCE REPORT TRANSMITTAL

To: AMERICAN BRIDGE/FLUOR, A JV
375 BURMA ROAD
OAKLAND CA 95607

Date: 01-Jun-2010

Contract No: 04-0120F4
04-SF-80-13.2 / 13.9

Dear: Mr. Charles Kanapicki

Job Name: SAS Superstructure

Attention: Mr. Thomas Nilsson Project/Fabrication Manager

Document No: 05.03.06-000711

Subject: NCR No. ZPMC-0716

Reference Description: 4 Missed UT indications found by QA after ZPMC QC has previously tested and accepted these welds in Segment 10CW

The attached Non-Conformance Report describes an occurrence where the contractor did not comply with a requirement of the contract document as indicated below:

- Material or Workmanship not in conformance with contract documents.
- Quality Control (QC) not performed in conformance with contract documents.
- Recurring QC issue that constitutes a systematic problem in quality control.
- Non-Conformance Resolved.

Material Location: OBG **Lift:** 10

Remarks:

During the Quality Assurance (QA) Magnetic Particle Testing (MT) review of welds located on Segment 10CW, this QA Inspector discovered four (4) linear indications on the following welds:

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- OBG segment 10CW is located outside west of Bay#16.

The Notice of Witness Inspection Number (NWIT) is 005839. The indications are located within the area that has been previously tested by ZPMC Quality Control (QC) personnel.

Action Required and/or Action Taken:

Propose a resolution for the identified non-conformance with revised procedures to prevent future occurrences. A response for the resolution of this issue is expected within 7 days.

Transmitted by: Sean Eagen Transportation Engineer

NCT

(Continued Page 2 of 2)

Attachments: ZPMC-0716

cc: Rick Morrow, Gary Pursell, Peter Siegenthaler, Stanley Ku, Brian Boal, Jason Tom, Contract Files, Ching Chao, Bill Casey

File: 05.03.06

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

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Quality Assurance and Source Inspection



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Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Changxing Island, Shanghai, P.R. China**Report No:** NCR-000753**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 31-May-2010**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0716**Type of problem:**Welding Concrete Other Welding Curing Procedural Bridge No: 34-0006Joint fit-up Coating Other Component: OBG Segment 10CWProcedural Procedural Description: Missed UT Indication by QC**Reference Description:** 4 Missed UT indications found by QA after ZPMC QC has previously tested and accepted these welds in Segment 10CW**Description of Non-Conformance:**

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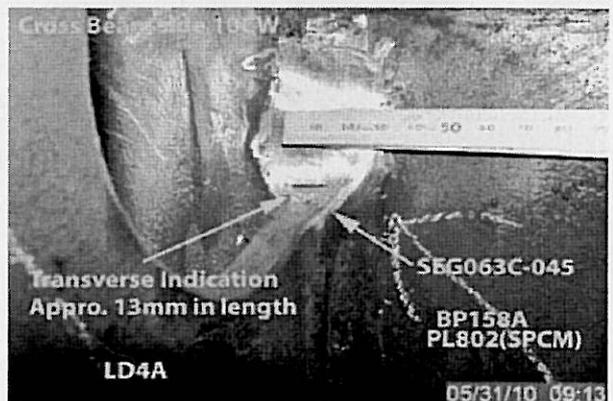
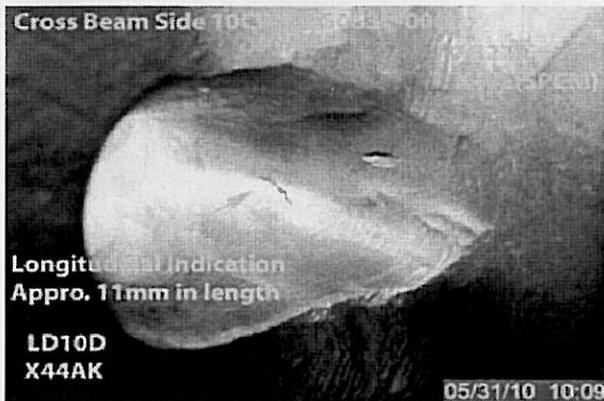
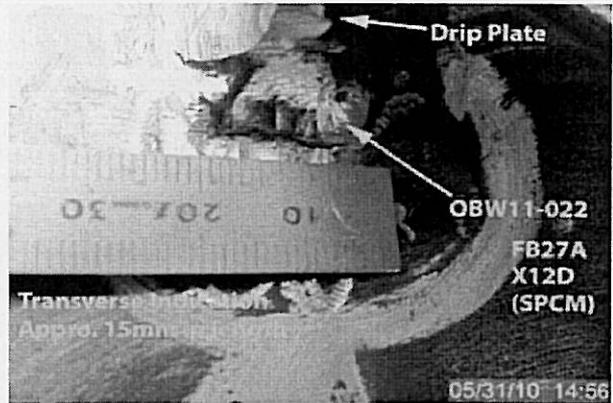
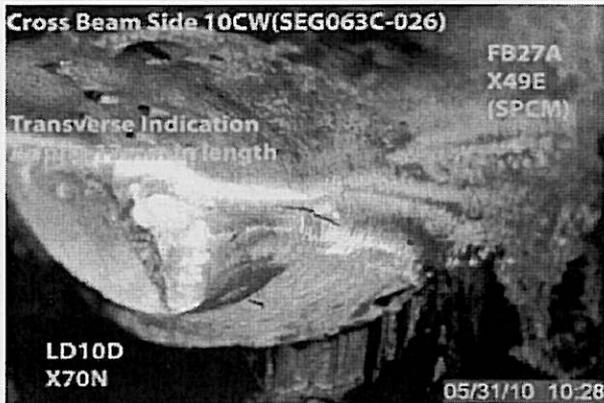
-The weld SEG063C-006 is a CJP weld joint joining between FB27A (X49E) SPCM to LD10D (X44AK) Non SPCM.

-OBG segment 10CW is located outside west of Bay#16.

The Notice of Witness Inspection Number (NWIT) is 005839. The indications are located within the area that has been previously tested by ZPMC Quality Control (QC) personnel.

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 3)



Applicable reference:

Special Provisions Section 8.3 – “Quality Control (QC) shall be the responsibility of the Contractor. As a minimum, the Contractor shall perform inspection and testing of each weld joint prior to welding, during welding, and after welding as specified in this section and to ensure that materials and workmanship conform to the requirements of the contract documents.”

AWS D1.5 (02) Section 6.26.2 – “Welds that are subject to MT in addition to visual inspection shall have no cracks.

Who discovered the problem: Subhasis Bera

Name of individual from Contractor notified: Yang Chao

Time and method of notification: 1600 hours, 05/31/10, Verbal

Name of Caltrans Engineer notified: Sean Eagen

Time and method of notification: 0830 hours, 06/01/10, Verbal

QC Inspector's Name: Li Ping

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

N/A

Comments:

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 3 of 3)

concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By: Tsang, Eric

SMR

Reviewed By: Devey, Jim

SMR

NCR PROPOSED RESOLUTION

To: CALTRANS - SAS Superstructure
333 Burma Road
Oakland CA 94607

Attention: Pursell, Gary
Resident Engineer

Ref: 05.03.06-000711

Subject: NCR No. ZPMC-0716

Dated: 21-Jul-2010

Contract No.: 04-0120F4
04-SF-80-13.2 / 13.9

Job Name: SAS Superstructure

Document No.: ABF-NPR-000708 Rev: 03

Contractor's Proposed Resolution:

Reference Resolution: ZPMC has performed the required repairs and has attached the MT reports as objective evidence to verify the repair is acceptable.

ZPMC has confirmed these indications are relevant as found by CT inspector. ZPMC has performed the required repairs and has attached the MT reports as objective evidence to verify the repair is acceptable. The ABF QCM and ZPMC QCM have discussed these types of NCR's and have verbally informed all NDT technicians to be more thorough in performing NDT. ZPMC requests closure of this NCR.

Submitted by: Lawton, Steve

Attachment(s): ABF-NPR-000708R03;

Caltrans' comments:

Status: CLO

Date: 22-Jul-2010

The corrective action and preventive measures taken by the Contractor are acceptable. The Department considers this NCR to be closed.

Submitted by: Woo, Laraine

Attachment(s):

Date: 22-Jul-2010



No. B-825

LETTER OF RESPONSE

TO: American Bridge/Flour

DATE: 2010-7-21

REGARDING: NCR-000753(ZPMC-0716)

ZPMC acknowledges the four indications were missed and is providing the NDT records show these indications have been removed, repaired and are now acceptable. Please be noticed one indication on OBW11-022 was removed after grinding. ZPMC QA personnel have talked with the head of NDT department to address this issue. Based on this, please consider closure of this NCR.

ATTACHMENT:

NCR-000753(ZPMC-0716)

B787-MT-23669 R1

B787-UT-23668 R1

B787-MT-25070

[Handwritten signature]
7/21/10



DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge
 666 Feng Bin Road Room 708, Changxing Island
 Shanghai 201913 PR China
 Tel: 021-56856666 ext 207061 Fax:

NON-CONFORMANCE REPORT TRANSMITTAL

To: AMERICAN BRIDGE/FLUOR, A JV
 375 BURMA ROAD
 OAKLAND CA 95607

Date: 01-Jun-2010

Contract No: 04-0120F4
 04-SF-80-13.2 / 13.9

Dear: Mr. Charles Kanapicki
Attention: Mr. Thomas Nilsson Project/Fabrication Manager
Job Name: SAS Superstructure

Subject: NCR No. ZPMC-0716
Document No: 05.03.06-000711

Reference Description: 4 Missed UT indications found by QA after ZPMC QC has previously tested and accepted these welds in Segment 10CW

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- Non-Conformance Resolved.

Material Location: OBG **Lift:** 10

Remarks:

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Action Required and/or Action Taken:

Propose a resolution for the identified non-conformance with revised procedures to prevent future occurrences. A response for the resolution of this issue is expected within 7 days.

Transmitted by: Sean Eagen Transportation Engineer

NCT

(Continued Page 2 of 2)

Attachments: ZPMC-0716

cc: Rick Morrow, Gary Pursell, Peter Siegenthaler, Stanley Ku, Brian Boal, Jason Tom, Contract Files, Ching Chao, Bill Casey
File: 05.03.06

DEPARTMENT OF TRANSPORTATION
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Contract #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 69.25B

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

Location: Changxing Island, Shanghai, P.R. China

Report No: NCR-000753

Prime Contractor: American Bridge/Fluor Enterprises, a JV

Date: 31-May-2010

Submitting Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island

NCR #: ZPMC-0716

Type of problem:

Welding Concrete Other
 Welding Curing Procedural Bridge No: 34-0006
 Joint fit-up Coating Other Component: OBG Segment 10CW
 Procedural Procedural Description: Missed UT Indication by QC

Reference Description: 4 Missed UT indications found by QA after ZPMC QC has previously tested and accepted these welds in Segment 10CW

Description of Non-Conformance:

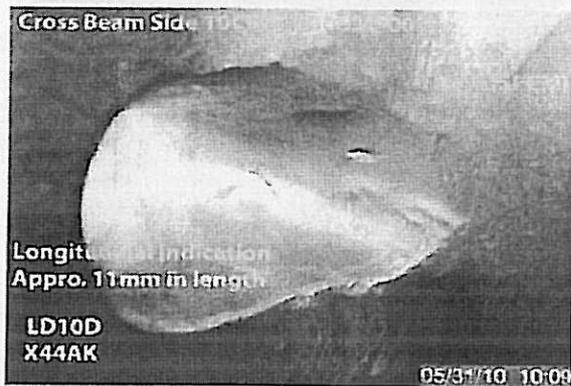
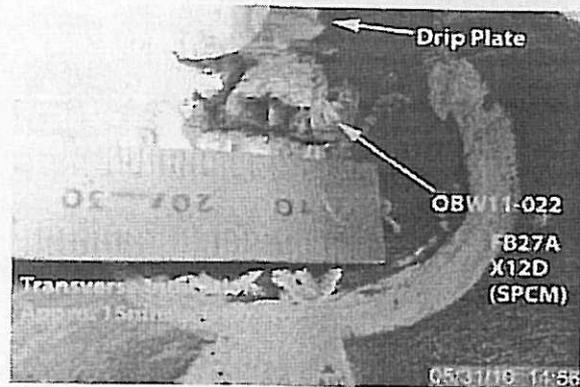
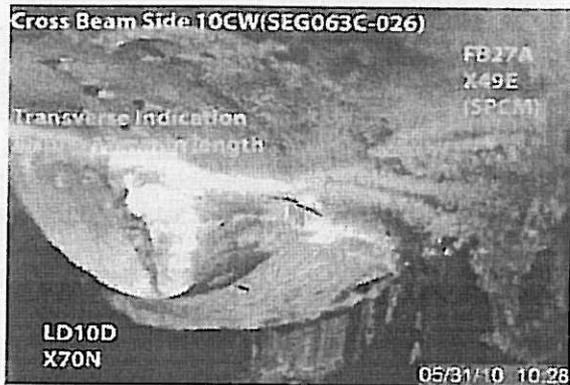
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- Weld #SEG063C-045: One (1) Transverse linear indication measuring approximately 13 mm in length.
- Weld #OBW11-022: One (1) Transverse linear indication measuring approximately 15 mm in length.
- Weld #SEG063C-026: One (1) Transverse linear indication measuring approximately 13 mm in length.
- Weld #SEG063C-006: One (1) Longitudinal linear indication measuring approximately 11 mm in length.
- All indications are clearly marked on the material near the weld.
- All welds are designated as Seismic Performance Critical Material (SPCM).
- Weld SEG063C-045 is a Complete Joint Penetration (CJP) joint joining between LD4A (X68B) Non SPCM to BP158A (PL802A) SPCM at Cross Beam Side.
- Weld OBW11-022 is a fillet weld joint joining between Drip plate to Floor Beam FB27A(X12D) SPCM at Panel Point PP94 (Cross Beam Side).
- The weld SEG063C-026 is a CJP weld joint joining between FB27A (X49E) SPCM to LD10D (X70N) Non SPCM.
- The weld SEG063C-006 is a CJP weld joint joining between FB27A (X49E) SPCM to LD10D (X44AK) Non SPCM.
- OBG segment 10CW is located outside west of Bay#16.

The Notice of Witness Inspection Number (NWIT) is 005839. The indications are located within the area that has been previously tested by ZPMC Quality Control (QC) personnel.

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 3)



Applicable reference:

Special Provisions Section 8.3 – “Quality Control (QC) shall be the responsibility of the Contractor. As a minimum, the Contractor shall perform inspection and testing of each weld joint prior to welding, during welding, and after welding as specified in this section and to ensure that materials and workmanship conform to the requirements of the contract documents.”

AWS D1.5 (02) Section 6.26.2 – “Welds that are subject to MT in addition to visual inspection shall have no cracks.

Who discovered the problem: Subhasis Bera

Name of individual from Contractor notified: Yang Chao

Time and method of notification: 1600 hours, 05/31/10, Verbal

Name of Caltrans Engineer notified: Sean Eagen

Time and method of notification: 0830 hours, 06/01/10, Verbal

QC Inspector's Name: Li Ping

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

N/A

Comments:

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 3 of 3)

concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By: Tsang, Eric

SMR

Reviewed By: Devey, Jim

SMR

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: xx.25A

QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION

Location: Changxing Island, Shanghai, P.R. China**Report No:** NCS-000700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 22-Jul-2010**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0716**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component:
Procedural	Procedural	Descriptor:	

Date the Non-Conformance Report was written: 31-May-2010**Description of Non-Conformance:**

During the Quality Assurance (QA) Magnetic Particle Testing (MT) review of welds located on Segment 10CW, this QA Inspector discovered four (4) linear indications on the following welds:

-Weld #SEG063C-045: One (1) Transverse linear indication measuring approximately 13 mm in length.

-Weld #OBW11-022: One (1) Transverse linear indication measuring approximately 15 mm in length.

-Weld #SEG063C-026: One (1) Transverse linear indication measuring approximately 13 mm in length.

-Weld #SEG063C-006: One (1) Longitudinal linear indication measuring approximately 11 mm in length.

-All indications are clearly marked on the material near the weld.

-All welds are designated as Seismic Performance Critical Material (SPCM).

-Weld SEG063C-045 is a Complete Joint Penetration (CJP) joint joining between LD4A (X68B) Non SPCM to BP158A (PL802A) SPCM at Cross Beam Side.

-Weld OBW11-022 is a fillet weld joint joining between Drip plate to Floor Beam FB27A(X12D) SPCM at Panel Point PP94 (Cross Beam Side).

-The weld SEG063C-026 is a CJP weld joint joining between FB27A (X49E) SPCM to LD10D (X70N) Non SPCM.

-The weld SEG063C-006 is a CJP weld joint joining between FB27A (X49E) SPCM to LD10D (X44AK) Non SPCM.

-OBG segment 10CW is located outside west of Bay#16.

The Notice of Witness Inspection Number (NWIT) is 005839. The indications are located within the area that has been previously tested by ZPMC Quality Control (QC) personnel.

Contractor's proposal to correct the problem:

Repair said indication and perform NDT required to verify weld quality.

Corrective action taken:

Contractor supplied post repair NDT documentation verifying weld conforms with Contract weld quality requirements.

