

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



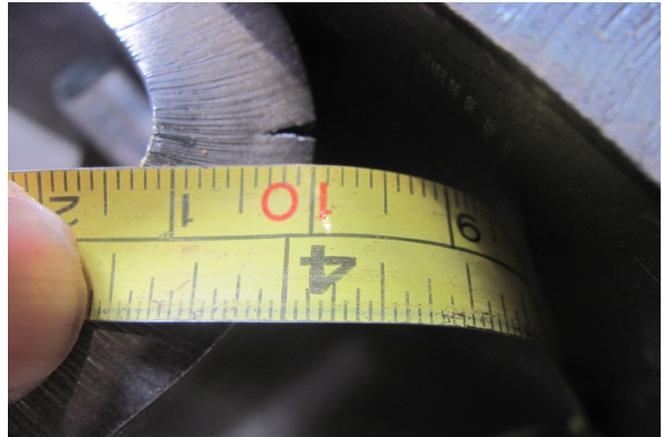
Bay Area Branch  
690 Walnut Ave. St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** USA Hoist**Report No:** NCR-001129**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 08-Jul-2013**Submitting Contractor:** American Bridge/Fluor Enterprises, a JV**NCR #:** ABF-0029**Type of problem:**

<b>Welding</b>	<b>Concrete</b>	<b>Other</b>	
<b>Welding</b>	<b>Curing</b>	<b>Procedural</b>	<b>Bridge No:</b> 34-0006
<b>Joint fit-up</b>	<b>Coating</b>	<b>Other</b>	<b>Component:</b> Elevator tower mast brackets
<b>Procedural</b>	<b>Procedural</b>	<b>Description:</b> Cold Bending	

**Reference Description:** Tower Tie-In Bracket Cracks**Description of Non-Conformance:**

Various tie-in bent plate brackets for the tower elevator masts were noted to exhibit cracks at the corner bends.

**Applicable reference:**

Standard Specifications 55-3.07 Bent Plates

"Before bending, the corners of the plate shall be rounded to a radius of 2 mm throughout that portion of the plate at which the bending is to occur."

**Who discovered the problem:** Tim Truong**Name of individual from Contractor notified:** Tim Moran**Time and method of notification:** 0800, Verbal**Name of Caltrans Engineer notified:** Bill Shedd**Time and method of notification:** 1500, verbal**QC Inspector's Name:** Bob Overbeek

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## QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

( Continued Page 2 of 2 )

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**Was QC Inspector aware of the problem:**                      **Yes**    **No**

**Contractor's proposal to correct the problem:**

The contractor proposes to grind down the cracks without any additional NDT.

**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 concerning repairs or remedial efforts please contact Tim Truong, 916-712-4469, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Truong, Tim	ASMR
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<b>Reviewed By:</b>	Prchlik, Aaron	SMR
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**DEPARTMENT OF TRANSPORTATION**

333 Burma Road  
Oakland CA 94607  
Tel: 510-286-0535 Fax:

**NON-CONFORMANCE REPORT TRANSMITTAL**

**To:** AMERICAN BRIDGE/FLUOR, A JV  
375 BURMA ROAD  
OAKLAND CA 95607  
**Date:** 10-Jul-2013

**Dear:** Mr. Charles Kanapicki  
**Contract No:** 04-0120F4  
04-SF-80-13.2 / 13.9

**Attention:** Mr. Bill OSullivan  
**Job Name:** SAS Superstructure

**Subject:** NCR No. ABF-0029  
**Document No:** 05.03.06-001062

**Reference Description:** Tower Elevator Tie-In Bracket Cracks

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.

**Remarks:**

**Material Location:** Other **Lift:** N/A

Various tie-in bent plate brackets for the tower elevator masts were noted to exhibit cracks at the corner bends. The Contractor proposes to grind down the cracks without any additional NDT.

**Action Required and/or Action Taken:**

The load bearing cold bent plates are cracked. Assurance needs to be provided to show that the proposed grinding process completely eliminates all cracks.

**Transmitted By:** Martin Chandrawinata Consultant Engineer

**Attachments:** ABF-0029

**cc:**

**File:** 05.03.06

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** USA Hoist**Report No:** NCS-000987**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:****Submitting Contractor:** American Bridge/Fluor Enterprises, a JV**NCR #:** ABF-0029**Type of problem:**

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

**Date the Non-Conformance Report was written:** 08-Jul-2013**Description of Non-Conformance:**

Various tie-in bent plate brackets for the tower elevator masts were noted to exhibit cracks at the corner bends.

**Contractor's proposal to correct the problem:**

The contractor proposes to grind down the cracks without any additional NDT.

**Corrective action taken:**

The contractor replaced all defective brackets

**Did corrective action require Engineer's approval?** Yes No**If so, name of Engineer providing approval:** **Date:****Is Engineer's approval attached?** Yes No**Comments:**

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<b>Inspected By:</b>	Truong, Tim	Quality Assurance Inspector
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<b>Reviewed By:</b>	Prchlik, Aaron	QA Reviewer
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