



**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 025 Const Calendar Day: 185 Date: 12-Mar-2010 Friday  
 Inspector Name: Wilcox, Jason Title: Transportation Engineer  
 Inspection Type: Intermittent  
 Shift Hours: 06:30 AM 17:00 PM Break: 00:30 Over Time: 02:00  
 Federal ID:  
 Location:  
 Reviewer: Jefferson, Paul Approved Date: 24-Sep-13 Status: Approved

04-0120F4  
 04-SF-80-13.2/13.9  
 Self-Anchored  
 Suspension Bridge

**Weather**

Temperature 7 AM 40 - 50 12 PM 50 - 60 4PM 50 - 60  
 Precipitation Condition Overcast, Windy

Working Day  If no, explain:

**Diary:**

Dispute

**OBG Bolting & Welding**

FIELD WORK:

Throughout the day I worked with Bob Brignano and Chris Bausone on the overturned bolt situation at Splice 3. There are some U-ribs that have bolts that were turned further than the allowable 180 degrees + 30. The concern is that the ductility of the bolt may have been lost in overtightening. It was agreed to remove some of the bolts that were tightened too much to see if threads had been stripped or if "necking" had occurred. Once removed the nuts were run down as far as they could go. In most every one tried, the nut would not go past the spot it was at after tightening in the U-rib. This showed that overtightening the bolts yielded unwanted results. Chris agreed and the bolts were replaced.

Sami Daouk observed the field work for Splice 1 and Splice 3. See his diary for more details.  
 Thanh Le observed field work for Splice 2 and the Crossbeam. See his diary for more details.

Splice 1:

- \* South Side Plate welding
- \* Place permanent bolts in the middle U-ribs
- \* U/T Bottom Plate stiffeners
- \* Install permanent bolts in the Longitudinal Diaphragm and snug tighten them
- \* Repair Top Deck weld

Splice 2:

- \* Prepare for welding the Top Deck
- \* Prepare for welding the Bottom Plate

Splice 3:

- \* Bolt test the U-ribs with overtightened bolts

OFFICE WORK:

\* Met with Gil Klebanov, Tai-Lin Liu, and Bob Brignano about the QC roles and responsibilities in the field. It has been observed that the QC inspectors are not performing all of their duties. Bolts have been over turned, torque not adequate, and visual inspection not performed adequately. It was agreed to have the QC inspectors inspect the joints and sign off on them prior to our inspection. This was brought up to Chris Bausone during some rocap testing in the warehouse and it was agreed. The QC inspector will perform the aforementioned task.

- \* Continue to adjust my Home Storage Permit

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Accrued 2 hours of overtime covering the Contractors work in the field.			
04-0120F4	Bid Item: 056	E-L02-ALB.056	E Line Lift 02 Align & Bolt
AMERICAN BRIDGE/FLUOR, A JV			
04-0120F4	Bid Item: 056	E-L02-WEL.056	E Line Lift 02 Weld
AMERICAN BRIDGE/FLUOR, A JV			
04-0120F4	Bid Item: 056	X-L02-CBM.056	E-W Line Cross Over Lift 02 Cross Beam
AMERICAN BRIDGE/FLUOR, A JV			
04-0120F4	Bid Item: 056	E-L03-ALB.056	E Line Lift 03 Align & Bolt
AMERICAN BRIDGE/FLUOR, A JV			
04-0120F4	Bid Item: 056	E-L03-WEL.056	E Line Lift 03 Weld
AMERICAN BRIDGE/FLUOR, A JV			
04-0120F4	Bid Item: 056	E-L04-ALB.056	E Line Lift 04 Align & Bolt
AMERICAN BRIDGE/FLUOR, A JV			

### Attachment



Splice 3; Overtightened bolts remarked to appear acceptable



Splice 3; Overtightened bolts in U-rib

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