



**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 019 Const Calendar Day: 177 Date: 04-Mar-2010 Thursday

Inspector Name: Wilcox, Jason Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

Federal ID:

Location:

Reviewer: Liu, Tai-Lin Approved Date: 18-May-10 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 Rain, Windy

Working Day  If no, explain:

**Diary:**

Dispute

**OBG Bolting & Welding**

**FIELD WORK:**

Crack observed on the North side of the top deck weld around 0800 hours. Jim Bowers informed METS and METS informed us shortly after. The "OK" was given to excavate but that once the crack was removed, approval from the Engineer had to come prior to welding up the excavation. This was given early in the afternoon and the area was repaired. A verbal "OK" was given to expedite the repair and to help mitigate any further cracking. Once the repair was completed and MT'd, the fill welding continued. By the end of the day the North side of the top deck had at least 3 passes in the joint, bringing the joint to about 20% complete at this location. On the South side of the top deck, there were two areas that had a "blow through" beyond the backing bar. This means that the pool of weld material was either too hot, the travels speed was too slow, or the fit up of the backing bar was not good enough and weld melted through the joint root. This area was also repaired and welding continued. By the end of the day they were able to put in at least 2 passes.

Inside the OBG on the bottom plate the stiffeners were being welded. The stiffeners are double beveled and one side has a larger bevel than the other. Yesterday the workers filled in the larger side on 14 of the stiffeners and this morning they finished the last 4. The rest of the day was spent grinding out the backside of the larger bevel and prepared it for welding up the smaller beveled side. This took all day and they were not able to start any of them.

I was informed that at this location Rick Bettencourt wrote an incident report regarding the preheat apparatus. In the Special Provisions it states that for preheat the contractor has to use electric resistance heating bands. On the bottom plate they are using induction heating. This is the reason for the Incident Report.

On the outside skin of the bottom plate of Splice 1 the temporary attachments used to vertically align the OBG segments have been removed. In the process of removing them the base metal was damaged. Since the base metal needs repair, an Incident Report was written. See pictures.

Since Lift 1W was being pushed into position, all of the ironworkers were over there. No bolting was done today on the E-Line. We were told around 1200 hours that pretensioning of the U-ribs at Splice 2 were going to begin, but once we arrived it was apparent that this was not true. We were then informed that they intend on pretensioning them tomorrow morning.

Accrued 2 hours of overtime covering and documenting the Contractors operations.

04-0120F4 Bid Item: 056 W-L01-OBG.056 W Line Lift 01 OBG Erect structural steel (bridge box girder)  
 AMERICAN BRIDGE/FLUOR, A JV

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Job Name: 04-0120F4

Inspector Name: Wilcox, Jason

Diary #: 019

Date: 04-Mar-2010 Thursday

<b>Diary:</b>				Dispute
<b>General Comments</b> <b>056</b> W-L01-OBG.056				<input type="checkbox"/>
Lift 1W was slid into position throughout the day today. See Lalit Mathur's diary for more details.				
<b>04-0120F4</b>	<b>Bid Item: 056</b>	<b>E-L02-ALB.056</b>	<b>E Line Lift 02 Align &amp; Bolt</b>	
AMERICAN BRIDGE/FLUOR, A JV				
<b>Diary:</b>				Dispute
<b>OBG Bolting &amp; Welding</b> <b>056</b> E-L02-WEL.056				<input type="checkbox"/>
Top Deck: The first SAW ROOT weld was run this morning. A crack was discovered shortly after starting and METS was notified. A repair procedure was submitted and repair work started as soon as possible. See METS diary by Rick Bettencourt for more details. Bottom Plate: Stiffener welding continues throughout the day North Side Panel: Preheat blankets placed on the outside of the panel today.				
<b>04-0120F4</b>	<b>Bid Item: 056</b>	<b>E-L03-ALB.056</b>	<b>E Line Lift 03 Align &amp; Bolt</b>	
AMERICAN BRIDGE/FLUOR, A JV				
<b>Diary:</b>				Dispute
<b>OBG Bolting &amp; Welding</b> <b>056</b> E-L03-WEL.056				<input type="checkbox"/>
Bottom Plate: Backing bar and adjusting brackets installed today.				
<b>04-0120F4</b>	<b>Bid Item: 056</b>	<b>E-L04-ALB.056</b>	<b>E Line Lift 04 Align &amp; Bolt</b>	
AMERICAN BRIDGE/FLUOR, A JV				