



**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 155 Const Calendar Day: 715 Date: 24-Aug-2011 Wednesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 AM 06:30 PM Break: 00:30 Over Time: 03:00

Federal ID:

Location:

Reviewer: Soheilifard, Saman Approved Date: 05-Oct-11 Status: Approved

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

**Weather**

Temperature	7 AM	12 PM	4PM
Precipitation			Condition

Working Day  If no, explain:

**Diary:**

Dispute

**Tower Activities**

Tower anchorage:

The following work was done on the ESW welds today:

- On weld 'R', surface repair welding was ongoing with 7018. This was fairly extensive because several areas had a lot of underfill due to wire feed issues during the ESW weld. The preheat of the repair welding was set at 400 degrees F. They used heat blankets on the shear plate on the opposite side of the weld, and they were using a torch on the inside of the East shaft in the area that is behind and adjacent to the weld. The repair was not yet completed at the end of the shift. The heat blankets were programmed to continue the heat for 3 hours after the welding had stopped.
- On weld 'N', welding was completed on the UT repair excavation at Y location 7m. The preheat of the repair welding was set at 400 degrees F. They used heat blankets on the shear plate on the opposite side of the weld, and they were using a torch on the inside of the East shaft in the area that is behind and adjacent to the weld. The heat blankets were programmed to continue the heat for 3 hours after the welding had stopped.
- QC continued to perform final VT and MT of the full length of the ESW welds.
- They were doing surface grinding on several ESW welds to correct issues found during VT of the welds.

Other work around the Tower anchorage:

- They were torch cutting to remove ESW restraint brackets.
- They were grinding the copes at the starting sump areas of the ESW welds.
- They continued installing the 18m and 23m struts and facades. See Sami Daouk's diary for a list of labor and details.

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Other:

- I reviewed and approved diaries.

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Conversations:

I spoke with ABF Engineer Dan Hester and Superintendent Dan Ierace regarding the reinforcing fillet on the ESW T-joints. I mentioned to them that the reinforcement that was built into the cooling shoes was not sufficient, and that an additional weld pass will be needed on the T-joints to bring the reinforcement up to the required 10mm. This applies only to the upper 25% of the weld lengths since these areas were originally planned to be CJP welds. The lower 75% of the weld lengths were originally supposed to be PJP welds, which do not require the reinforcement per the Special Provisions. I also spoke with METS inspector Dan Reyes of this issue.



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Job Name: 04-0120F4    Inspector Name: Wright, Doug    Diary #: 155    Date: 24-Aug-2011    Wednesday

04-0120F4    Bid Item: 053    T-L01-SPD.053    Tower Lift 01 Shear Plates and Diaphragms

AMERICAN BRIDGE/FLUOR, A JV

**Labor**

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	APP	JEFFERY STONE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	Alex Blanco	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	DEVAN MURPHY	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	JEREMY DOLMAN	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	JEFFERY SOUZA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	RORY HOGAN	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	RICHARD GARCIA	8.00	2.00	0.00	10.00		<input type="checkbox"/>

