



Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 377 Const Calendar Day: 93 Date: 05-Sep-2012 Wednesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:45 AM 04:45 PM Break: 00:30 Over Time: 01:00

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

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

Weather

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition

Working Day If no, explain:

Diary:

Dispute

Phase 1 Load Transfer

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Phase-1 load transfer (LT) step 1c was completed (started yesterday)
- Phase-1 load transfer (LT) step 1d was completed
- Phase-1 LT step 1e was started
- Re-tensioning &/or measuring of cable band bolts. See the diaries of Alex Schmitt, Tai-Lin Liu, Rob Feather, & Matt Bruce.

I was inspecting Gary Anderson's crew on phase-1 suspender jacking on the South cable. See the diaries of Sami Daouk & Laraine Woo since they were also inspecting the suspender jacking on the South cable. See the diary of others for the suspender jacking on the North cable & the cable band bolt tensioning.

- I arrived at the pier 7 office at 06:45, & was on the bridge at 07:00.
- From 07:00 until 08:15, Gary's crew was jacking on the step 1c suspenders on the South cable. A portion of step 1c was done yesterday, & only PPs 18, 26, & 34 were done today.
- From 08:15 until 13:15, Gary's crew was jacking on the step 1d suspenders on the South cable.
- From 13:15 until 13:45, Gary's crew released the jacking rods at PP 102S. This panel point (PP) was not a jacking step within step 1. However, the remaining jacking length numbers in the LT plan submittal showed this PP had a negative deflection, with the cable springing upward about 500mm throughout the full step 1. The jacking rods were released to allow the cable to freely move upward throughout step 1.
- From 13:45 until 14:00, Gary's crew did a lift-off to check the load on the swing-out bracket on the South cable. The pressure was 8300 psi.
- From 14:00 until the end of the shift, Gary's crew was jacking on the step 1e suspenders on the South cable. - Note: they did not complete all of the step 1e jacking. They completed the jacking at PP94 & started the jacking at PP82. They plan to complete step 1e tomorrow.
- Note: Each time Gary's crew was jacking on any suspenders, I observed the pressure gauge to ensure that they stayed within the do-not-exceed (DNE) pressure. The maximum suspender jacking pressure that I observed today was 3000 psi, which was well within the DNE of 9069 psi.
- Note: After the suspender jacking at each panel point, we measured the remaining jacking length (RJL) to make sure they were in accordance with the LT plan submittal. Each of the RJL measurements matched the theoretical numbers in the LT plan submittal.
- At 15:10, Gary's crew wrapped up their tools to end their shift.
- At 15:20, I left the bridge.
- From 15:30 until 16:30, I compiled the recorded data (jacking pressure & RJL measurements), & left them in the drop box for office personnel to input into a master tracking spreadsheet. Also, I spoke with Roman Granados to give him an update from the field.

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Job Name: 04-0120F4 **Inspector Name** Wright, Doug **Diary #:** 377 **Date:** 05-Sep-2012 **Wednesday**

- From 16:30 until 16:45, I wrote my diary for the day & checked email.

04-0120F4 Bid Item: 067 C-SUS-BGS.067 Attach BG Lifts to Suspenders

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	HAYES BATISTE	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Operator	APP	SCOTT ROSS	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	GEN	GARY ANDERSON	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	STANLEY DALIE	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	Jose ALFARO	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	RENE ESQUIVEL	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	ETHAN KENT	8.00	0.00	0.00	8.00		<input type="checkbox"/>

