



Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 281 Const Calendar Day: 958 Date: 23-Apr-2012 Monday
 Inspector Name: Wright, Doug Title: Transportation Engineer
 Inspection Type: Continuous
 Shift Hours: 06:40 AM 06:45 PM Break: 00:30 Over Time: 03:00
 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	4PM
Precipitation			Condition

Working Day If no, explain:

Diary:

Dispute

Cable Compaction

Overview of work today:

- Cable compaction continued today on all spans.
- I was inspecting Jim Benninghove's crew on the North main-span. See below for details of the work performed, & a list of labor for this work.
- Laraine Woo was inspecting compaction on the South main-span.
- Saman Soheili was inspecting compaction the North side-span.
- John Lyons was inspecting compaction on the South side-span.
- I arrived at the pier 7 office at 06:40, & was on the bridge at 07:00.

Cable Compaction – North main-span:

- At the beginning of the shift, compaction continued down the span from PP54.3, where they stopped at the end of the day on Friday.
- From 07:00 until 08:00, compaction was on hold because the hydraulic pump would not turn on. The mechanic arrived to fix it, & then compaction started at about 08:00.
- I periodically checked the jack pressures during compaction, & kept an eye on the wires while the compaction shoes were extending to make sure that they do not pinch any wires.
- The pressures were kept fairly constant during compaction. The normal operation was to bring up the jack pressures to about 8000 psi, & then hammer the Cable to excite the wires. This hammering would typically drop the pressures down to about 7000 psi.
- The production rate during the morning was a squeeze about every 40 minutes.
- At 13:20, I left the bridge to attend a meeting with ABF regarding compaction inspection & measuring of Cable diameters. During this time, Rob Feather covered the field inspection on the North main-span. See his diary for details of the work performed.
- At 15:45, I returned to the bridge, & returned to inspect the compaction on the North main-span.
- Note: there was a minor bent wire at PP55.8, near strap #54-10. It did not appear to be very severe, but I will show it to Roman when he is next at this span.

The readings below were measurements taken by me on at the strap locations. They are after the load was released, & at a 20 degree rotation.

- Strap 54-7: Height = 776mm - Width = 797mm
- Strap 54-8: Height = 772mm - Width = 792mm
- Strap 54-9: Height = 772mm - Width = 792mm
- Strap 54-10: Height =772 mm - Width = 791mm

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Job Name: 04-0120F4 **Inspector Name** Wright, Doug **Diary #:** 281 **Date:** 23-Apr-2012 **Monday**

Strap 56-1: Height = 772mm - Width = 791mm - Cable band
 Strap 56-2: Height = 770mm - Width = 7913mm - Cable band
 Strap 56-3: Height = 773mm - Width = 793mm - Cable band
 Strap 56-4: Height = 772mm - Width = 793mm
 Strap 56-5: Height = 772mm - Width = 792mm
 Strap 56-6: Height = 772mm - Width = 793mm
 Strap 56-7: This strap was installed, but was still under the roller of the compaction frame, so no measurement was taken yet.

Also, circumference measurements were taken at every Cable band location, & sporadically outside of Cable bands. These measurements were recorded on the compaction inspection checklist.

- At 17:00, the shift ended earlier than planned (they planned to work until 19:00) because they were running short of seizing band straps.
- From 17:10 until 17:45, Roman Granados met with each of the field inspectors to go over the new tolerances & procedures for signing the buy-off sheets.
- I left the bridge at 17:45, & arrived back at the pier 7 office at 17:55.
- From 18:00 until 18:15, I met with Daryoush Bahar to discuss the field inspection on the North main-span since he will be the inspector on the night shift.
- From 18:15 until 18:45, I wrote my diary for the day, & filled out the inspection checklist.

04-0120F4 Bid Item: 067 C-PWS-SUC.067 Compact Suspension Cables
 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	MICHAEL PORTILLO	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	Tony Miranda	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	RYAN EVANCHIK	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	BARRY ROTHMAN	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	JAMES BENNINGHOVE	8.00	2.00	0.00	10.00		<input type="checkbox"/>

Attachment



Photo of jack pressures with Cable under compaction load