



Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 287 Const Calendar Day: 965 Date: 30-Apr-2012 Monday
 Inspector Name: Wright, Doug Title: Transportation Engineer
 Inspection Type: Intermittent
 Shift Hours: 06:50 AM 07:40 PM Break: 00:30 Over Time: 04:00
 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

Cable Compaction

Overview of work today:

Cable compaction continued today on all spans.

- I was inspecting Rick Chouinard'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 06:50, & was on the bridge at 07:00.

Cable Compaction – North main-span:

- At 07:00, the crew started the day with their normal Monday morning safety meeting.
- At 07:10, compaction started at PP99.5 (strap 98-8), where they stopped at the end of the night shift on Saturday.
- Note: they pinched a wire at strap 100-5, on the inboard side.
- 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 throughout the shift was a squeeze about every 30 minutes.

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 98-7: Height = 778mm - Width = 790mm
- Strap 98-8: Height = 779mm - Width = 788mm
- Strap 98-9: Height = 780mm - Width = 789mm
- Strap 100-1: Height = 775mm - Width = 784mm - Cable band
- Strap 100-2: Height = 774mm - Width = 783mm - Cable band
- Strap 100-3: Height = 773mm - Width = 783mm - Cable band
- Strap 100-4: Height = 774mm - Width = 786mm
- Strap 100-5: Height = 778mm - Width = 788mm

Also, circumference measurements were taken at every strap. These measurements were recorded on the compaction inspection checklist.

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- At 13:20, I left the bridge to go help Tai-Lin Liu on Cable band bolts in the warehouse. See the diary of Damon Brown for details of the work performed after this time.
- From 13:30 until 14:30, I met with Tai-Lin to go over the details on the software for the Mini-Max equipment. He showed me how to upload & download data, & we discussed what would be the best way to handle & store all of the data files that we will accumulate.
- From 14:30 until 16:30, I was in the warehouse measuring unstressed lengths of Cable band bolts with the Mini-Max equipment. Also, I watched as others used the extensometer so I could get familiar with it.
- From 16:30 until 17:30, I downloaded the Mini-Max data, & reviewed it with Tai-Lin.
- From 17:30 until 19:15, I uploaded the groups for tomorrow's measuring into the Mini-Max equipment.
- From 19:15 until 19:40, 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	APP	JUN PERALTA	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	APP	ETHAN KENT	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	HAYES BATISTE	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	RICHARD CHOUINARD	8.00	0.00	0.00	8.00		<input type="checkbox"/>

