



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 4:08 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 283 Const Calendar Day: 960 Date: 25-Apr-2012 Wednesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:45 AM 06:30 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 [checked] If no, explain:

Diary:

Dispute

Cable Compaction

[checkbox]

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 06:45, & was on the bridge at 07:00.

Cable Compaction – North main-span:

- At the beginning of the shift, compaction was on hold because they had no seizing band straps.

- From 07:45 until 08:15, they removed the Cable formers near PP67.

- At 08:30, they received some straps, & then compaction continued down the span from PP64.2, where they stopped at the end of the night shift.

- Shortly after compaction started, I noticed that there was a small hydraulic leak near the pump reservoir. I then noticed evidence of previous leaks along the catwalk. It appears as if the pump started leaking during the night shift. I spoke with the foreman, & the crew tried to contain the hydraulic fluid with absorbent pads. Also, he called the mechanic to come to fix the leak. I phoned Roman Granados to inform him, & he confirmed that the leak did start during the night shift. The leak was fixed at 10:30.

- 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 in the morning was a squeeze about every 20 minutes.

- The production rate in the morning was a squeeze about every 15 minutes.

- At 15:25, compaction was on hold because 2 of the iron-workers were called away to chase slack wires near the East saddle.

- At 16:00, compaction resumed.

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 64-5: Height = 784mm - Width = 795mm



Daily Diary Report by Bid Item

Job Name: 04-0120F4 Inspector Name Wright, Doug Diary #: 283 Date: 25-Apr-2012 Wednesday

Strap 64-6: Height = 783mm - Width = 793mm
 Strap 64-7: Height = 781mm - Width = 792mm
 Strap 64-8: Height = 781mm - Width = 793mm
 Strap 64-9: Height = 782mm - Width = 792mm
 Strap 66-1: Height = 782mm - Width = 791mm - Cable band
 Strap 66-2: Height = 780mm - Width = 792mm - Cable band
 Strap 66-3: Height = 782mm - Width = 793mm - Cable band
 Strap 66-4: Height = 782mm - Width = 795mm
 Strap 66-5: Height = 782mm - Width = 793mm
 Strap 66-6: Height = 782mm - Width = 793mm
 Strap 66-7: Height = 785mm - Width = 794mm
 Strap 66-8: Height = 785mm - Width = 794mm
 Strap 66-9: Height = 783mm - Width = 794mm
 Strap 66-10: Height = 783mm - Width = 794mm
 Strap 68-1: Height = 782mm - Width = 794mm - Cable band
 Strap 68-2: Height = 781mm - Width = 793mm - Cable band
 Strap 68-3: Height = 783mm - Width = 794mm - Cable band
 Strap 68-4: Height = 783mm - Width = 795mm
 Strap 68-5: Height = 784mm - Width = 796mm
 Strap 68-6: Height = 783mm - Width = 799mm
 Strap 68-7: 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 strap. These measurements were recorded on the compaction inspection checklist.

- At 17:00, the shift ended.
- At the end of the shift, I met with ABF Engineer Levi Gatsos to review the diameter & circumference measurements on the portion of the Cable that was compacted today. I agreed that the dimensions were acceptable, & signed the buy-off sheet.
- At 17:30, I left the bridge, & arrived back at the pier 7 office at 17:40.
- From 17:45 until 18:00, I met with Roman Granados & Warren Collins to discuss the status of work.
- From 18:00 until 18:30, 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 DRAPER	8.00	2.00	0.00	10.00		<input type="checkbox"/>
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	FOR	JAMES BENNINGHOVE	8.00	2.00	0.00	10.00		<input type="checkbox"/>