



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 4:10 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 274 Const Calendar Day: 949 Date: 14-Apr-2012 Saturday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:50 AM 04:30 PM Break: 00:30 Over Time: 09:00

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 started today in the West loop. Also, prep work for Cable compaction was done at the top of the Tower, and Cable formers were being installed (CCO-247). See below for a list of labor on this work. See the diary of Sami Daouk for a list of labor for one other crew working on cable former installation.

- I arrived at the pier 7 office at 06:50, & was on the bridge at 07:00.

Cable Compaction:

- Compaction started today on the West loop (North side).
- From 07:00 until 09:00, they were connecting electrical & hydraulic lines to the compaction equipment. Also, the stabilizer arms were being slightly modified & attached.
- From 09:15 until 09:30, the tape was cut & removed from the exterior of the Cable. This was a little difficult, & they were not able to remove 100% of it because the compaction equipment was already installed over some of the areas.
- At 09:45, they started squeeze #1. Mallets were used to hit the Cable & excite the wires during the squeeze.
- At 10:15, they had to stop because they had a hydraulic leak at the control panel. A small amount of oil leaked. However, none of it got on the Cable, & it was fully contained with no discharge.
- At 11:00, they started to squeeze again after they replaced the control panel. Again mallets were used, & they carefully paid attention to not pinch any wires.
- At 11:30, they took a measurement under load, & it was about 780mm. So they stopped jacking. The pressure gauges at this point ranged between 2400 to 3600 psi.
- From 11:40 until 14:00, they were installing seizing bands around the Cable while it was under pressure. As they started to release, the seizing bands would break. They added double bands on both sides of the compactor, but they also broke when releasing the load. Finally they added seizing bands along with 3 nylon ratchet straps to finally hold without breaking the band.
- Note: I took measurements on seizing band #1 after release. The width was 786mm, & the height was 810mm. The location at this strap was 5.1m north of the jacking saddle.
- From 14:30 until 14:40, they moved the compactor north 1m along the Cable for the next squeeze.
- At 14:40, they started squeeze #2. This time they did not use mallets to hit the Cable & excite the wires. They had to use higher pressures to get the diameter, which was measured under load. The pressure gauges ranged between 3400 to 7000 psi.
- They started to install seizing bands around squeeze #2, but did not finish them by the end of the shift at 15:20.

Daily Diary Report by Bid Item

Job Name: 04-0120F4 Inspector Name Wright, Doug Diary #: 274 Date: 14-Apr-2012 Saturday

Cable former installation work (CCO247):

- This is force account CCO work. Cable formers are required at only one location per span, but the Department has asked for them to be installed every 50m along the span (total of 7 per main-span, & 3 per side-span).
 - CJ Biskner's crew was doing this work on the South side-span.
 - At the beginning of the shift, they had already installed the upper extra set of formers, & the set at mid-span, so all of the work on the South side-span today was to be applied to the CCO work.
 - From 07:00 until 11:30, they inserted the third set of formers at about PP20, & then pulled them down the span with winch lines to about PP10.
 - From 11:30 until 13:00, they were wrapping up tools & equipment along the South side-span.
- After 13:00, 2 crew members (Cochran & Ruiz) were helping Tony Costa's crew install compaction winches. 3 crew members (Biskner, Mulato, & Dalie) were doing prep work for the start of installing Cable formers in the North side-span.

Compaction prep work:

- They were doing prep work at the top of the Tower for the start of Cable compaction. I did not see much of this work in progress as I spent the majority of the shift watching compaction & Cable former installation. By the end of the shift, all of the winches had been installed atop the Tower saddle. Also, the 2 support beams for the sheave batteries were dismantled.

- I left the bridge at 15:40.
- From 15:50 until 16:30, I wrote my diary for the day, & input my timesheet for the week.
- Also, I sent an email to B. Boal, R. Granados, & W. Collins to give them an update on the start of compaction.

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								
Operator	JNM	HOWARD SCHROYER	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	FOR	GARY ANDERSON	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	CASEY LUX	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	KEVIN RATCLIFF	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	HAYES BATISTE	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	AUGIE SOLIS	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	FOR	ANTHONY COSTA	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Operator	OTH	NICOLAUS SHAFER	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Semi-Skilled Laborer	FOR	GUILLERMO LIMON	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	FOR	CHRISTOPHER BISKNER	0.00	8.00	0.00	8.00	6 hrs on CCO-247 & 2 hrs on item work	<input type="checkbox"/>
Ironworker	JNM	MATTHEW COCHRAN	0.00	8.00	0.00	8.00	6 hrs on CCO-247 & 2 hrs on item work	<input type="checkbox"/>
Ironworker	JNM	ROGELIO RUIZ	0.00	8.00	0.00	8.00	6 hrs on CCO-247 & 2 hrs on item work	<input type="checkbox"/>
Ironworker	JNM	RENE MULATO	0.00	8.00	0.00	8.00	6 hrs on CCO-247 & 2 hrs on item work	<input type="checkbox"/>
Ironworker	JNM	STANLEY DALIE	0.00	8.00	0.00	8.00	6 hrs on CCO-247 & 2 hrs on item work	<input type="checkbox"/>
Mechanic	FOR	GENE PRATT	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	APP	JACOB MECHE	0.00	8.00	0.00	8.00		<input type="checkbox"/>

Attachment

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Wright, Doug

Diary #: 274

Date: 14-Apr-2012

Saturday



Compaction shoes engaged on Cable



Overview of compaction operation



Installing seizing band



Cable diameter being measured while under load