



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:56 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 361 Const Calendar Day: 71 Date: 14-Aug-2012 Tuesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

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

Diary:

Dispute

Load Transfer Activities

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Start of load transfer (LT) Step 1a
- Installation of suspender jacking equipment
- Installation of equipment for the jacking of the jacking saddle

I was inspecting Gary Anderson's crew LT suspender jacking on the South cable & other misc work. See below for a list of labor for these crews, & for details of the work performed. Also, see the diary of Sami Daouk since he was also inspecting the suspender jacking on the South cable. Others (S. Daouk, B. Brignano) were inspecting the installation of jacking saddle equipment, & the release of the Tower tie-back. See their diaries for details on this work.

- I arrived at the pier 7 office at 06:45, & was on the bridge at 07:00.
- From 07:00 until 09:30, Gary's crew was releasing the hi-lines above the North side-span catwalk. These were being released because ABF thought that they may be getting too tight, & resisting the release of the Tower tie-back. After the hi-lines were slacked, Matt Holt's crew worked on releasing the Tower tie-back. At the end of the Tower release work I spoke with ABF Engineer Adam Roebuck, & he mentioned that the Tower was displaced westerly about 500mm.
- From 09:30 until 11:30, Gary's crew was doing misc work around the suspenders (installing safety equipment, fall protection equipment, ensuring the platforms will not interfere with the suspender jacking rods, etc).
- At 11:30, Gary's crew started suspender jacking at PP26S. - Note: they skipped the jacking at PP18S since the remaining jacking length (RJL) at PP18S is already slightly beyond step 1a. Starting at PP26S, Gary's crew worked their way easterly jacking on each of the step 1a suspenders. During the jacking, I watched the pressure gauge to monitor the pressure during jacking. Also, at the end of jacking, I measured each of the RJLs. See below for a summary of the jacking at each suspender.

Remaining Jacking Length & pressure (psi) for each suspender jacked today:

- PP26S: 835mm at 400psi (submittal numbers = 820mm at 460psi)
- PP34S: 515mm at 1100psi (submittal numbers = 515mm at 410psi)
- PP50S: 2025mm at 1100psi (submittal numbers = 1967mm at 455psi)
- PP58S: 3740mm at 800psi (submittal numbers = 3748mm at 455psi)
- PP70S: jacking started, but not completed today.

Note: At PP50S, they plan to go back & re-jack to get to the planned RJL at this location after completing the jacking at the other step 1a PPs.



Daily Diary Report by Bid Item

Job Name: 04-0120F4 **Inspector Name** Wright, Doug **Diary #:** 361 **Date:** 14-Aug-2012 **Tuesday**

Note: Several of the above pressures are above the expected pressures from SUB-2694. However the submittal pressures are based on the final pressures after all PPs have been loaded. ABF plans to go back to each PP, & do a minor lift-off to get the final pressure after all step 1a PPs have been jacked.

- At 17:10, Gary's crew wrapped up their tools to end their shift.
- At 17:20, I left the bridge.
- From 17:30 until 18:15, I compiled the data collected today from the suspender jacking, & spoke with Roman Granados to compare my numbers on the South cable with his numbers on the North cable. They were similar in that his numbers also showed that they had to go above their planned pressure to achieve the planned RJL.
- From 18:15 until 18:45, 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	JOSE ALFARO	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	ETHAN KENT	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	STANLEY DALIE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	HAYES BATISTE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	GEN	GARY ANDERSON	8.00	2.00	0.00	10.00		<input type="checkbox"/>

