



**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 2:44 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 027 Const Calendar Day: 923 Date: 19-Mar-2012 Monday  
Inspector Name: Soheilifard, Saman Title: Transportation Engineer  
Inspection Type: Continuous  
Shift Hours: 05:00 AM 03:30 PM Break: 00:30 Over Time: 2:00  
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 50 - 60 12 PM 50 - 60 4PM  
Precipitation Condition Overcast

Working Day  If no, explain:

**Diary:** Dispute

**cable erection**

INSTALLATION OF STRANDs No. 97 & 98 North

I began work at 5:00 AM with the ABF's adjusting crew at the East end. Eric is the guy at the helm at the East end and ABF was a little late starting the adjusting operation this morning, which may have been due to the fact that there were ONLY 3 strands that needed adjusting. The following is a run-down on today's adjusting work:

Strand 95North: Expected Adjustment 16mm West  
Real Adjustment 17mm West: Resulting in a sag measured at +7mm (called ACCEPTABLE by ABF)  
Time of Adjustment: 5:20

Strand 96North (I): Expected Adjustment: 22mm West  
Real Adjustment: 22mm West, however, it resulted in a SAG of +13mm  
Time: 5:35

(II): @ 5:46 Adjusting 3-4mm West (according to Eric 4mm, but mine was 3-4)  
Result: Sag of +3mm per CT and +6 per ABF

Strand 96 South: Expected Adjustment: 26mm West  
Real Adjustment: 26mm West  
Time: 6:01  
Result: a SAG of +1mm per ABF and +5mm per CT

- At 7:00, begin the installation of Strand # 97North;
- Strand #98 was floated already on the North Main Span (NMS) and talking to Bob Brignano, I was told that the twist on this strand had been checked, already;
- At 7:17, Continue Hauling Strand # 99;
- At 8:07, Complete Installation of Strand #97Nort, which in turn completes the INSTALLATION of Strand #97;
- At 8:10, Remove the Floating Clamp off Strand #97North;

## Daily Diary Report by Bid Item

Job Name: 04-0120F4 Inspector Name Soheilifard, Saman Diary #: 027 Date: 19-Mar-2012 Monday

- At 8:15, Haul of Strand #99 completed;
  - At 8:24, Float Out Strand #98 North (attached to the 2ndry winch);
  - At 8:27, attach the Socket Lug to the cable pulling the strand toward the haul frame;
  - At 8:47, Place Strand #101 on the swift;
  - At 9:01, Float up Strand # 99North over the NMS;
  - At 9:09, begin Hauling Strand #100;
  - At 9:45, finished walking the two Main Spans for twist: No Twist;
  - At 9:55, checked the engagement length on Strand #97North, which was as follows:  
Mark set at 1100 from the end of the rod, and measuring from the socket resulted in a measurement of 990.  $1100 - 990 = 110\text{mm} > \text{req'd } 100\text{mm}$   
Stick-out:  $< 3\text{mm}$  all around the coupling nut  $<< \text{req'd } 10\text{mm}$
  - At 10:36, begin installation of Strand #98 North;
  - At 10:40, begin the Hexing of strand #99 North from the East end toward the saddle;
  - At 11:26, complete the INSTALLATION of Strand #98 North;
  - At 11:39, Float-out Strand #99;
  - At 11:46, finish Hauling Strand #100;
  - Attach the cable off the winch to the socket lug on strand #101 to pull it to the Haul Frame;
- SUMMARY**  
In addition to the installation of Strands 97 & 98 North, completion of hauling of strands #99 & #100 were of significance.
- For the names of all the crew members, please refer to Tai-Lin Liu's report;
  - My field hours are from 5:00 to 12:00, thus, for all the events related to the North saddle at the East end after 12:00, please refer to Tai-Lin Liu's diary;

04-0120F4 Bid Item: 067 C-PWS-076.067 Install & Adjust PWS 76-80  
AMERICAN BRIDGE/FLUOR, A JV

04-0120F4 Bid Item: 067 C-PWS-086.067 Install & Adjust PWS 86-90  
AMERICAN BRIDGE/FLUOR, A JV

04-0120F4 Bid Item: 067 C-PWS-091.067 Install & Adjust PWS 91-95  
AMERICAN BRIDGE/FLUOR, A JV

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### Daily Diary Report by Bid Item

Job Name: 04-0120F4    Inspector Name: Soheilifard, Saman    Diary #: 027    Date: 19-Mar-2012    Monday

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<b>04-0120F4</b>	<b>Bid Item: 067</b>	<b>C-PWS-096.067</b>	<b>Install &amp; Adjust PWS 96-100</b>
AMERICAN BRIDGE/FLUOR, A JV			

<b>04-0120F4</b>	<b>Bid Item: 067</b>	<b>C-PWS-006.067</b>	<b>Install &amp; Adjust PWS 6-10</b>
AMERICAN BRIDGE/FLUOR, A JV			

