



**SAS Superstructure**

Location: 04-SF-80-13.2/13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 11:04 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 436 Const Calendar Day: 794 Date: 11-Nov-2011 Friday  
Inspector Name: Bruce, Matt Title: Transportation Engineer  
Inspection Type: Intermittent  
Shift Hours: 07:00 am 03:30 pm Break: 00:30 Over Time: 08:00  
Federal ID:  
Location:  
Reviewer: Mathur, Lalit 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 50 - 60  
Precipitation 0.47" Condition Intermittent rain to overcast

Working Day  If no, explain:

**Diary:**

Dispute

**Work description.**

- Continued to work on a surveying plan for cable strand number 1 with Roman Granados.
- Monitored the progress of the prestressing/jacking operation for Crossbeam 19 and OBG lifts 14E/W for surveying. The operation was scheduled to begin today, however the rain delayed the operation.
- Used GPS equipment to survey the current horizontal position of OBG lifts 12, 13, and 14 along the E and W lines. The following panel points at the centerlines were surveyed along the E and W lines:
  - Even Panel Points 110 to 124 (OBG lifts 12 and 13)
  - Panel Points 125 to 128 (OBG lift 14)

Also surveyed 3 points on the east W-Line saddle, and four points on the eastbound Skyway structure as well. Rain and a low battery caused minor delays in the survey conducted today. The steel temperature remained constant during the survey at 57F which was due to the cloud cover and an ambient temperature range of 49F to 52F. It should be noted that the K-value was 0 at the time of the survey.

- Began to process today's surveying data.

**Attachment**



Picture of the winch which either had a mechanical or operator failure that caused the tramway cable to be detensioned.



The southern most tramway cable on the mainspan was retensioned yesterday.



## Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 436

Date: 11-Nov-2011

Friday



Crossbeam 19 jacking manifold covered up in the yellow tarp.



Conditions at the beginning of the survey on the OBGs.