



**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 687 Const Calendar Day: 124 Date: 06-Oct-2012 Saturday  
 Inspector Name: Bruce, Matt Title: Transportation Engineer  
 Inspection Type: Continuous  
 Shift Hours: 07:00 am 03:30 pm Break: 00:30 Over Time: 08:00  
 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 60 - 70 4PM 60 - 70  
 Precipitation 0.00" Condition Fog to mostly sunny

Working Day  If no, explain:

**Diary:**

Dispute

**Work description.**

- Used a tape to measure the Hinge A seismic gap distance between the SAS OBG and the Skyway steel tub sections with Bob Brignano. The ambient temperature at the time of the measurements was 55F in foggy conditions. Measurements were taken from 6:45am to 6:55am with the official time of sunrise per weather.com at 7:10am. Steel temperature was taken on the W-Line Skyway tub section which was at 53F. The following are the distances measured from the Skyway to the SAS-OBG:

Location	W-Line Distance (m)	E-Line Distance (m)
South	1.215	1.300
Center	1.222	1.262 & 1.272
North	1.233	1.253

-Used the Caltrans CT-1 Extensometer to measure bolt elongations for the following cable bands which are being done daily during Phase 3 of load transfer:

16S, 18S, 36S, 38S, 46S, 70S, 72S, 80S, 82S

16N, 18N, 36N, 38N, 46N, 70N, 72N, 80N, 82N

- Today bolts which were measured before and after stressing operations were in the following cable bands:

46N, 50N

To reiterate cable band 50N is being measured before and after tensioning due to the low gap distance between the male and female halves. The measurements were taken by myself, John Lyons, Alex Schmitt and Victor Pereyra. John took the majority of the readings on the digital dial and recorded the number. Alex, Victor, and myself positioned/handled the Extensometer on the cable band bolts.