



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 10:59 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 702 Const Calendar Day: 144 Date: 26-Oct-2012 Friday
Inspector Name: Bruce, Matt Title: Transportation Engineer
Inspection Type: Intermittent
Shift Hours: 12:00 am 05:30 pm Break: 09:30 Over Time:
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 0.01" Condition Partly overcast to sunny

Working Day If no, explain:

Diary:

Dispute

Work description.

- Used the Caltrans CT-1 Extensometer to measure bolt elongations for the following cable bands which are being monitored weekly:



Randomly selected cable bands: 16S, 18S, 36S, 38S, 46S, 70S, 72S, 80S, 82S

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

Cable bands w/low gaps: 34S, 40S, 44S, 46S, 48S, 50S, 66S, 14N, 50N

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. Since thermal effects are being monitored I was taking ambient and steel temperatures. The anemometer was used for the ambient temperature and the conventional thermometer was used for the steel temperature on the main cable steel.

- Completed analyzing the measurements taken on Tuesday October 23rd for the W-Line Hinge A pipe beams. Calculations had to be done to asses the data and determine theoretical values of the pipe beam angles, vectors, and dimensions.

- Wrote an email with the results above to pertinent personnel related to this operation in Caltrans Structures Construction.

- Wrote outstanding diaries for the week.

