



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 11:11 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 626 Const Calendar Day: 47 Date: 21-Jul-2012 Saturday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 06:00 am 02:30 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 Sunny

Working Day If no, explain:

Diary:

Dispute

Work description.

- Shot the tower saddle to check for any possible movement with the assistance of Sami Daouk. The following points checked were K, L, M, N, Y, & Z. Initial numbers indicate the tower tie back system has maintained the tower deflection distance of 520mm to the west. This survey was prescribed in RFI 1499R01 as one of the items to check 30days prior to load transfer of the bridge. The survey began at 7:00am and was completed at 8:00am with the official time of sunrise at 6:05am. Sunny conditions were observed during the survey and an ambient temperature of 59F was measured. The wind speed was from the West Southwest direction at 2mph and the atmospheric pressure was 29.98"Hg. Steel temperature was not taken during the survey, however it is believed that the thermal expansion of steel doesn't necessarily effect the tower. Regardless the tower was surveyed prior to the steel heating up. Also shots were taken while the Favco tower crane and tower elevator was idle since both items of equipment can cause vibrations to the tower. Finally the control point used to shoot the tower was MB007 which is located on the end of the Treasure Island Navy Pier.

- Completed reviewing the data collected today on surveying the tower saddle pullback distance prior to load transfer of the bridge.

- Continued to process the summary and list of control points for the scanning surveys done before load transfer of the bridge.

