



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 11:21 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 376 Const Calendar Day: 709 Date: 18-Aug-2011 Thursday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 05:45 am 12:00 am Break: 07:15 Over Time: 03:00

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 60 - 70 4PM 60 - 70

Precipitation 0.00"

Condition Overcast in the AM to sunny & partly cloudy PM

Working Day If no, explain:

Diary:

Dispute

Work description.

- Surveyed the following points on the tower with Roman Granados to obtain baseline measurements prior to the tower pullback:

Tower saddle = 6 control points K, L, M, N, Y, Z which are along the centerline in the transverse and longitudinal directions of the bridge

Tower grillage = 2 control points located at the North and West corners of the grillage

Tower shafts = 9 control points with 1 close to the transverse centerline at the bottom of the grillage, and the remaining points located on the vertical face of North and West tower shafts with two

at each shear link elevation of 135, 119, 109, and 77

The survey was conducted at a sunrise time of 6:30am and ended at 8:10am. The ambient and steel temperature remained at 52F throughout the survey. The occupied control point was MB007 located on the Treasure Island Navy Pier with backsights Army-2 and TIN3. Also shots at the higher elevations were taken prior to Favco tower crane making any picks. A few light picks were made while surveying the lower elevations.

- Prepared for surveying the the bikepath at night with Philip He by going over safety and getting equipment prior to going into the field. Note the ABF surveyors will be conducting a survey of the E and W centerline at the same time.

- Surveyed the bikepath at the four offset punchmarks on the panel with the assistance of Philip He. Bikepath panels surveyed are from panel point 9 to 103. Some bikepath panels didn't have punchmarks but were surveyed anyway at the most probable location of where the punchmarks would be placed. The survey started at 10:20pm on Thursday August 18th and ended at 3:00am Friday August 19th, 2011. This survey was done to compare the elevation change of the bikepath panels during the maximum and minimum steel temperatures. The bikepath panels may need to be shimmed between the neoprene pad/bracket and the bottom of the panel to ensure full bearing. This survey was done to help understand how much to potentially shim each bikepath panel between the neoprene bearing pad/bracket and the bottom of the bikepath panel.

- Continued to deal with issues regarding the surveying equipment received by Topcon of Sacramento. Called the following people related to the PO including Theresa Vargas, Catalino Nicolas, and Renee Meachem-Wesley. Also picked up the AT&T SIM card from Wil Bunkley in the District 4 Office.

