



**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 #: 375 Const Calendar Day: 708 Date: 17-Aug-2011 Wednesday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 am 04:30 pm Break: 00:30 Over Time: 01:00

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 in the PM

Working Day  If no, explain:

**Diary:**

Dispute

**Work description.**

- Went through the points to be surveyed on the tower saddle, tower grillage and tower shafts with Roman Granados. This was done for two reasons which are safety and efficiency. To ensure that the survey is efficient it will be conducted at sunrise which is around 6:30am to mitigate the impacts of the thermal expansion of the tower steel and before the Favco tower crane is making picks. Both entities are believed to potentially move the tower from it's natural position. Since time is a factor the locations of the points had to be known in advance. Since access would be in poorly lighted conditions it was imperative to see the potential hazards during the day prior to the morning survey.
- Prepared equipment (total station) and placed some equipment (bi-pod) in the field prior to the survey tomorrow morning.
- Conducted a preliminary survey to rough check the tower at various locations without using prisms during the tower pullback operation. The occupied control point was 6205 and the backsight control point was 6204. The occupied point is the centerline of the Tower which is 900m away from the centerline of the bridge on Treasure Island. Turned angles to both corners of the north and east tower shafts. It should be noted that control points 6204 and 6205 were set by Caltrans District 4 surveyors. They informed me that the points needed to be refined for better accuracy.
- Continued to deal with issues regarding the surveying equipment received by Topcon of Sacramento. I also called Theresa Vargas (Headquarters Purchasing) again who was responsible for the Purchase Order and what can be done. Also I am still waiting on the AT&T SIM card from Wil Bunkley in the District 4 Office.



**Attachment**



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## Daily Diary Report by Bid Item

Job Name: 04-0120F4 Inspector Name Bruce, Matt

Diary #: 375 Date: 17-Aug-2011 Wednesday

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View from the tower saddle of the mainspan catwalks looking east.



ABF welders working on the secondary hauling system frames attached to the W2E west deviation saddle.