



**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 10:58 PM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 709 Const Calendar Day: 154 Date: 05-Nov-2012 Monday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 am 03:30 pm Break: 00:30 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 0.00" Condition Mostly sunny

Working Day  If no, explain:

**Diary:**

Dispute

**Work description.**

- Established a control point for shooting the center of the E2 cap beam on the E3W (WP10000 in data collector) foundation of the Skyway. First the total station occupied control point E2NE (20001 in data collector) located on the E2 pier foundation of the SAS to shoot rounds on the E3W control point. Other points included to establish the coordinates for WP10000 were TIN3 (3 in data collector) and E2SE (20002 in data collector). Once coordinates were established the next step was to occupy control point WP10000 and check other project control points. The backsight from WP10000 was E3 (300 in data collector) located on the existing pier E3 foundation of the SFOBB. Control point E2NE was also checked while the total station occupied control point WP10000.

The ambient temperature during the survey was 68F under sunny skies. The wind speed was measured from the east southeast direction at 7mph with a barometric pressure of 30.12"Hg. Actual time of surveying was conducted from 11:45am to 1:10pm. It should be noted that it took a considerable amount of time to set up backsights. Control point TIN3 is on Treasure Island and the other control points are on the new and existing piers where trips had to be coordinated with ABF crewboats.

- Set up targets on points which were scribed on existing blue chalkline denoting the center line of pier E2. Had to spend more time with setting up these targets due to the safety handrail on the top of the E2 cap beam.

