



Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 592 Const Calendar Day: 2 Date: 06-Jun-2012 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: 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 50 - 60 4PM 50 - 60

Precipitation 0.00"

Condition Mostly sunny w/moderate winds in the afternoon

Working Day If no, explain:

Diary:

Dispute

Work description.

- Picked up the state truck assigned to me which is number 0070449 from the SFOBB Toll Bridge Maintenance Shop. The truck was in the shop for a PM.
- Analyzed the results of the survey done yesterday with District 4 surveyor Rick Erskine using the Trimble Business Center. Specifically the survey analyzed was the accuracy test of the Trimble S8 EDM and Long Range Lock over a great distance occupying control point WP306 on YBI shooting to control point MOLE in Oakland.
- Continued to become familiar with the Trimble S8 total station and TSC3 data collector using existing SFOBB east span control points. The survey done today included control points MB007, 6056, SKY3, PT108, PT80, TIN3, and 6203. The point occupied for the entire survey was MB007 which is located on the end of the Treasure Island Navy Pier. Backsight targets were set on control points 6056 and SKY3. From these two points "Measure Rounds" and the "Resection" features were utilized. Once the total station was ready for surveying, the "Robotic Function" was used to shoot control points PT108, PT80, TIN3, and 6203.
- Attended weekly Team Cable Safety Tailgate and staff meetings at 11:30am in the Caltrans Conex box on the E-Line OBG located near panel point 80.
- Assisted Tai-Lin Liu with using the Mini-Max device to check the elongations of the bolts in cable bands W56, W58, an W60 before I had to leave to pick up the GPS equipment at 5:00pm. See Tai's diary for more details on the measurements taken and any additional work with the Mini-Max done today.
- Picked up the Topcon GRS-1 GPS equipment from Engineering Supply Company (ESC) in Concord which was being serviced for new software updates and routine maintenance.

Attachment



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Wednesday



Smith Emery technicians taking a break in between measurements with the Extensometer on the South Mainspan.



ABF ironworkers erecting the suspender installation frame on the North Mainspan cable near panel point 80.