



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 11:33 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 475 Const Calendar Day: 854 Date: 10-Jan-2012 Tuesday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 am 05:30 pm Break: 00:30 Over Time: 02:00

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 40 - 50 12 PM 50 - 60 4PM 50 - 60
Precipitation 0.00" Condition Partly overcast

Working Day [] If no, explain:

Diary:

Dispute

Work description.

- The tasks completed today by the Alta Vista surveyors included the following:
1.) Chris and myself marked the perimeter of cable strand No. 1 at the midpoint cross section.
This was done to have a clear reference line for measuring the out to out distance between the cable strand that needs to be adjusted and cable strand No.1. The sidespans of cable strand No.1 were not marked since the ABF rodman didn't place a distinct mark on the cable strand on the south sidespan.
2.) Dave continued to draw the cross section of cable strand No.1 based off of the measurements that we took yesterday with the digital calipers.
3.) Both surveying consultants also continued to process surveying reports of previous surveys already completed on the project.
- The following is the hours worked by the Alta Vista consultants today:
Dave Garrett (survey party chief) = 8hrs
Chris Ferrucci (instrumentman) = 8hrs
Erol Schaller (rodman) = off (gone all week to take the CWI test)
- Marked the perimeter of cable strand No. 1 at the midpoint cross section with Chris Ferrucci, see notes above for more details.
- Observed the operation to form cable strand No. 2 at the tower saddle. See Doug Wright and Saman Soheilifard's diaries for additional details on the operation, labor, and equipment.
- Observed the operation to float cable strand No. 3 at the west loop. See Roman Granados and Victor Altamirano's diaries for additional details on the operation, labor, and equipment.
- Inspected the condition of the blockouts placed by MCM carpenters for the Hinge K tie-down rods. Met with ABF engineer Mark MacDonald, ABF surveying party chief Dave Adams, and AECOM consulting engineer Richard Kim (responsible YBITS engineer) in the field on the YBITS W-Line bridge regarding any issues with the blockouts. The primary concern was that the blockouts would not match each other horizontally. This could make the rods going through the deck not plumb causing an eccentric load being placed on the bridge and tie-down system. The other concern was laying out the micropiles on the ground based on the location of the blockouts in the top and bottom slabs. It was agreed that the survey for the top and bottom slab blockouts wouldn't take place until the bridge was fully stressed. After stressing the bridge is anticipated to compress, therefore the survey is time dependent on this operation. Once the top and bottom blockouts are surveyed then the coordinates of the micropile can be established and laid out on the ground.



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 475

Date: 10-Jan-2012

Tuesday

Attachment



Screw jacks used to hold cable strand in the tower saddle trough.



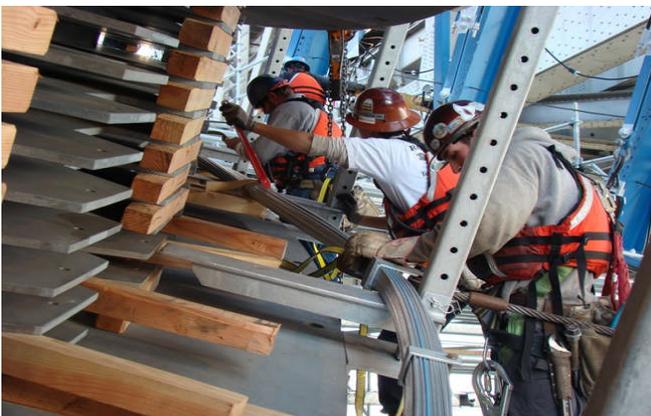
One set of blockout holes looking through the top and bottom slabs to the ground.



Cable strand No.3 being floated near the jacking saddle looking south.



One of three brass disks placed by ABF surveyors at the end of the YBITS W-Line bridge cantilever to be used to monitor the tie-down deflection.



ABF ironworkers forming cable strand No.3 and putting into the restraining clamps at the W2E west deviation saddle



ABF ironworkers reforming the rectangular shape of cable strand No. 3 in the north section of the west loop.

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 475

Date: 10-Jan-2012

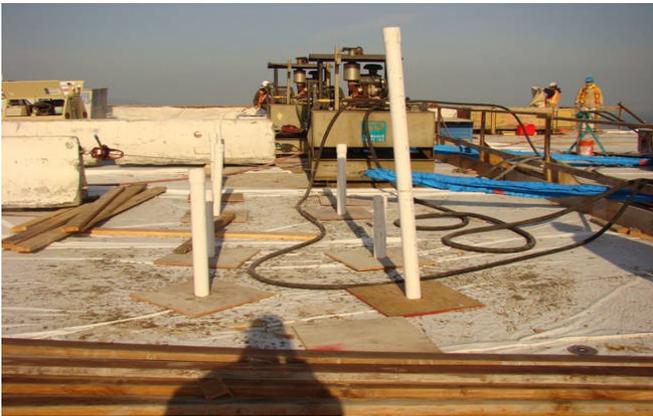
Tuesday



PVC Pipes placed in the blockout holes through the top and bottom slabs of the YBITS W-Line bridge looking southeast.



Cable strand No. 1 at the south mainspan surveyed midpoint where a mark was made around the perimeter.



PVC Pipes placed in the blockout holes through the top and bottom slabs of the YBITS W-Line bridge looking north.



ABF ironworkers installing cable strand No. 2 into the south tower saddle trough.



Cable strand No. 1 at the north mainspan surveyed midpoint where a mark was made around the perimeter.