



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 8:00 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 777 Const Calendar Day: 246 Date: 05-Feb-2013 Tuesday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:30 am 05:00 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 Fog in the AM to partly cloudy in the PM

Working Day If no, explain:

Diary:

Dispute

Work description.

- Processed all of the stressing information obtained in the field today. Presented the numbers to TY-Lin designer George Baker since a few of the elongations were out of tolerance. I emphasized that the required load was applied to the tendon strands monitored with the P3500 strain indicator. If any action is to be taken then it needs to be immediate and in writing given the sensitivity of the situation. Also informed ABF engineer Levi Gatsos and Paul Jefferson of the elongations out of tolerance. Emailed stressing results to Paul, Jason Wilcox, Pamela Gagnier, and Ade Akinsaya.

- Prepared for the grouting operation tomorrow.

04-0120F4 Bid Item: 034 X-W2C-GTT.034 E-W Line Cross Over W2 Cap Stress & Grout Transverse Tendons

SCHWAGER DAVIS INC.

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: SCHWAGER DAVIS INC.								
Ironworker	JNM	James Bond	4.00	0.00	0.00	4.00		<input type="checkbox"/>
Ironworker	JNM	Servando Alonzo	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	FOR	Erin Jones	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	Ben Vasquez	8.00	0.00	0.00	8.00		<input type="checkbox"/>

Diary:

Dispute

Work description. 034 X-W2C-GTT.034

- Stressed transverse tendons CBT-7, 3, 9, 10, 8, 4, 5, & 1 completing all the required post-tensioning in the W2 cap beam. Each stressed tendon except for CBT-7 the P3500 (CT# 55096, T-Bar Serial # 463836) strain indicator was used to monitor the load applied to the strands from the stressing ram. CBT-3 was monitored at every 1,000psi increment, 20% Pjack, and Pjack to check the ram calibration curve.

An SDI ironworker was responsible for measuring the elongations at the stressing ram. The elongation measurement began at 20% where the flag on the strand was set at 10". After the required Pjack pressure of 8,500psi from jack CH600-8-106 (gauge A) was reached, the ironworker would measure the elongation of the strand with the flag. After the Pjack pressure was released the anchor set was measured on tendons CBT-8, 4, 5, & 1 of 15mm. All measurements are taken from a fixed point on the ram body. Overall the stressing operation was successful with no major issues.

The following are the measured elongations in millimeters and the load observed at Pjack in kips:



Daily Diary Report by Bid Item

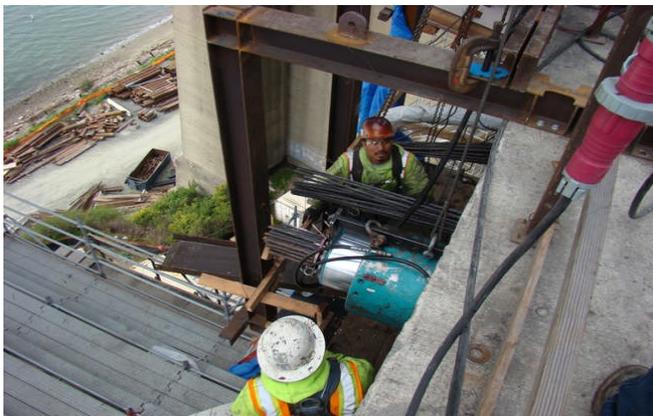
Job Name: 04-0120F4 Inspector Name Bruce, Matt

Diary #: 777 Date: 05-Feb-2013 Tuesday

SDI ironworkers placing the 600 ton multistrand ram over the strands of transverse tendon CBT-9 on the south end of the W2 cap beam.



Final positioning of the 600 ton multistrand stressing ram over the strands for transverse tendon CBT-8.



Extending the 600 ton multistrand ram jack while in the process of stressing CBT-10 on the south end of the W2 cap beam.



Caltrans P3500 strain indicator displaying 1,180 kips and SDI gauge 600-8-1-106A at Pjack while stressing CBT-9 on the south end of the W2 cap beam.



Stressed strands of transverse tendons CBT-10 and 9 on the north end of the W2 cap beam looking west.



Lining up the stressing ram to CBT-4 on the north end of the W2 cap beam.

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 777

Date: 05-Feb-2013

Tuesday



ABF and SDI ironworkers in the process of lifting the 600 ton multistrand ram with counterweight beam into position for stressing.



Fine tuning the 600 ton ram on the strands and anchorhead of CBT-8.



Placing the 600 ton multistrand stressing ram over the strands for transverse tendon CBT-8.



ABF ironworkers balancing the load of the 3,300lb concrete counterweight with the SDI 600ton stressing ram to stress transverse tendons CBT-4 & 8.