



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 6:28 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 345 Const Calendar Day: 585 Date: 10-Jan-2014 Friday
Inspector Name: Altamirano, Victor Title: Transportation Engineer
Inspection Type:
Shift Hours: Break: 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 12 PM 4PM
Precipitation Condition

Working Day [checked] If no, explain:

Diary:

Dispute

Work description.

[checkbox]

Inspector: Victor Altamirano (8 hours reg. and 2 hours OT)
Date: 011014
Location: West of OTD building test area
Weather: 43 Deg.

Field Work -

Workers did the zeroing out (where VGO verifies the zero for their instruments attached to the rod) and water leak test for TR 7. The pressure ranged between 1700psi and 1900psi for the zeroing out. The pressure for the water leak test was about 700psi.

Zeroing out for TR 8:

Increased pressure to 1700psi.
Pressure off.

Workers repeated the two steps above two more times than hand tight the nut behind the jacking beam. Then NaCl solution was filled into the water chamber from the water tank. We did a leak test also by first jacking up the pressure to 700psi.

1st Load Step for TR 7:

Increased pressure to 2000psi
Increased pressure to 2300psi
Increased pressure to 2500psi
10:41am - AE Check

Tighten nut
Pressure off.

Increased pressure to 2500psi (the force went above the tolerance)
10:51am - AE Check

Tighten nut about 1" turn (Workers had to loosen the nut in order to bring down the load on the rod).
Pressure off.

Good! Close to our target jacking load.

1st Load Step for TR 8:

Increased pressure to about 2000psi
Increased pressure to about 2300psi
Increased pressure to about 2375psi.
11:03am - AE Check

Tightened nut.



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Pressure off.  
Increased pressure to about 2375psi.  
Tightened nut.  
Increased pressure to about 2390psi.  
Loosened the nut then re-tightened the nut.  
Pressure off.  
Good! Close to our target jacking load.

### 2nd Load Step for TR 9:

11:14am - Increased pressure to about 2800psi  
Increased pressure to about 3100psi  
AE Check  
11:25 - Tightened nut.  
Pressure off.  
Increased pressure to about 3100psi  
AE Check  
Worker tried to tighten nut but was not able to.  
Increased pressure to about 3100psi  
Increased pressure to about 3200psi  
Worker tried to tighten nut but was not able to.  
Pressure off.  
Increased pressure to about 3200psi  
Worker loosened the nut then re-tightened the nut.  
Pressure off.  
Increased pressure to about 3200psi  
Worker loosened the nut.  
Good! Close to our target jacking load.

### 3rd Load Step for TR 10:

11:46am - Increased pressure to about 3400psi  
Increased pressure to about 3700psi  
AE Check  
11:55 - Tightened nut (5 half turns)  
Pressure off.  
Workers continued tensioning after lunch.  
Increased pressure to about 3700psi  
Increased pressure to about 3785psi  
Increased pressure to about 3800psi  
Tightened nut.  
Pressure off.  
Good! Close to our target jacking load.

### 4th Load Step for TR 11:

12:41pm - Increased pressure to about 3800psi  
Increased pressure to about 4100psi  
AE Check  
12:48 - Tightened nut.  
Pressure off.  
12:49pm - Increased pressure to about 4100psi  
12:50 - Tightened nut (1" turn).  
Pressure off.  
Good! Close to our target jacking load.

After tensioning the rods, workers started placing sandbags, wedge plates, k-rails and traffic plates for TR 5 & 6. The platform for the containment was also placed. Workers also placed containment and two water tanks. A tent frame was placed at TR 5 & 6 and workers anchored the tent with rope to adjacent eye bolts



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and sandbags.

The laborer was doing clean-up work around the testing site. Workers placed traffic plate at TR 6, north.

ABF engineer: K. Chen (8 regular hours)

Office Work -  
I finalized diaries.

Equipment -  
6 radios for 33.5 regular hours.  
Kubota Cart for 8 regular hours.  
Extendable Forklift for 8 regular hours.  
Small Forklift for 2 regular hours.  
110 kW Generator for 8 regular hours.

20' K-rail (26 k-rails were being rented for the Department).  
10' k-rail (7 k-rails were being rented for the Department).  
Fourteen (14) total 12"x12" crane mats that were 5'x16' each.  
Four (4) total 12"x12" crane mats that were 5'x7' each.  
Twenty-six (26) total 12"x12" crane mats that were 5'x8' each.

**CCO-314      Bid Item: 001      0-RRR-EFA.314      E2 Remove, Replace & Test Rods**

AMERICAN BRIDGE/FLUOR, A JV

**Labor**

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	FOR	CHRISTOPHER BISKNER	3.00	0.00	0.00	3.00		<input type="checkbox"/>
Operator	JNM	JEFFREY SCOTT	0.50	0.00	0.00	0.50		<input type="checkbox"/>
Ironworker	FOR	JAMES STURGEON	6.00	0.00	0.00	6.00		<input type="checkbox"/>
Ironworker	APP	JOHN DUSKIN	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Operator	JNM	JEFFREY KELLER	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Semi-Skilled Laborer	JNM	CARLOS GARCIA	8.00	0.00	0.00	8.00		<input type="checkbox"/>

