



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 10:53 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 734 Const Calendar Day: 187 Date: 08-Dec-2012 Saturday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 am 03:30 pm Break: 00:30 Over Time: 08:00

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 overcast

Working Day If no, explain:

Diary:

Dispute

Work description.

- Used the Caltrans CT-1 Extensometer to measure bolt elongations to supplement the night/early morning measurements investigating thermal effects for the following cable bands:

70S, 72S, 80S, 82S, 70N, 72N, 80N, 82N

The measurements were taken by myself, Bob Brignano, and Douglas Wright. Bob took the majority of the readings on the digital dial and recorded the number. Doug and myself positioned/handled the Extensometer on the cable band bolts. Since thermal effects are being monitored I was taking ambient and steel temperatures. The anemometer was used for the ambient temperature and the infrared gun was used for the steel temperature taken on the cable band casting.

- Continued to move my belongings which was started yesterday to a new desk in the SAS trailer, since Document Control needs the space.

04-0120F4 Bid Item: 067 C-PWS-HDR.067 Install Hand Rope

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	THOMAS CERVANTES	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	RENE ESQUIVEL	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	STANLEY DALIE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	JOSE ALFARO	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	CARLOS ALVERADO	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	ETHAN KENT	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	GEN	GARY ANDERSON	8.00	2.00	0.00	10.00		<input type="checkbox"/>

Diary:

Dispute

Work description. 067 C-PWS-HDR.067

- The crew of ironworkers performed miscellaneous tasks today on the cable handrope structural members and connections. Ethan and Carlos started the day using an impact wrench to torque the post channel brace at panel point 44N and 10S to 1/3 turn. Meanwhile Stanley, Rene, and Gary released the turnbuckle connection at panel point 104S to enable other work that needs to be done at this location. Jose and Thomas were seen on the North Mainspan tightening loose top stanchion post bolts, preparing the connection for when the cable tension is applied.



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 734

Date: 08-Dec-2012

Saturday

From 10:00am the crew of ironworkers began to torque the two lower bolts on the stanchion post connect the post to the cable band. Stanley, Rene, and Gary were seen on the South Mainspan starting at panel point 102S progressing up to approximately panel point 78S. On the North Mainspan Jose and Thomas also started at panel point 102N and worked up approximately to panel point 72N. Ethan and Carlos were also seen at the end of the day on the North Mainspan starting from panel point 44N and ending approximately at panel point 56N. Ethan and Carlos were using an impact wrench unlike the other ironworkers who were using a regular torque wrench. While performing Extensometer measurements the ironworkers were seen snugging the bolt into the tapped hole before match-marking the bolt and post then performing the 1/2 turn of the nut. It should be noted that most of this work was done while Bob, Doug, and myself were taking measurements with the Extensometer.

Attachment



Conditions in the PM at the peak time of sun exposure on the bridge.



Conditions on the South Mainspan close to the end of Extensometer measurements under partly overcast skies.