



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 11:06 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 662 Const Calendar Day: 94 Date: 06-Sep-2012 Thursday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 am 06:30 pm Break: 00:30 Over Time: 03:00

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

Working Day If no, explain:

Diary:

Dispute

Work description.

- Attended weekly SAS Safety Tailgate meeting at 8:00am.
- Completed compiling, checking, and analyzing the surveys data done last week for the additional points requested by TY-Lin regarding the Hinge A pipe beam scan. An email was sent to all pertinent people related to this issue.
- Discussed tomorrows Extensometer operation with the staff assigned for taking the elongation measurements on the cable band bolts which included Alex Schmitt, Douglas Wright, John Lyons, and Tai-Lin Liu.
- Wrote outstanding diaries from last week.

04-0120F4 Bid Item: 067 C-PWS-TCB.067 Tension Cable Band Bolt

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	BRIAN LARSON	3.00	0.00	0.00	3.00		<input type="checkbox"/>
Ironworker	JNM	RYAN DUSKIN	3.00	0.00	0.00	3.00		<input type="checkbox"/>
Ironworker	APP	MORRIS ROBERSON	3.00	0.00	0.00	3.00		<input type="checkbox"/>
Ironworker	JNM	LUIS PLANCARTE	3.00	0.00	0.00	3.00		<input type="checkbox"/>
Ironworker	FOR	KEVIN KARBBER	3.00	0.00	0.00	3.00		<input type="checkbox"/>

Diary:

Dispute

Work description.

067 C-PWS-TCB.067

- Stressed all of the bolts in cable bands 54N to 58N on the North Mainspan during Phase 1/Step 1e of load transfer. This operation may be included in a possible CCO not yet determined. The stressing equipment was mobilized near cable band 60N for tomorrows operation. See Rob Feather's diary for additional details of the stressing operation this morning as he observed the operation and took measurements up until 12:30pm, which is when I took over inspection duties for this 8hr shift. The ABF ironworkers used Boltight pump number 63622/2222000136 coupled with gauge number 10904917/24 for todays stressing operation. Similarly the following Boltight jacks were used for todays operation:

4037,4039, 4040, 4041, 4046, 4048, 4051, 4054, 4055, 4061



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 662

Date: 06-Sep-2012 Thursday

It should be noted that the jack numbers on the boltight jacks are difficult to read, and the stressing operation can't be stopped to identify jack numbers. Alex inquired with Scott Yeager and Scott Smith to be able to place identifiable labels on the jacks. They verbally agreed to Alex's request so that tracking can be done without slowing down or stopping the jacking operation.

Per the required cable band Load Transfer checklist; cable band gaps, cable circumference adjacent to the cable band, cable band slip, and suspender rope measurements were taken after the cable band bolts were stressed a total of 3 times to a pressure of 19,343psi. Items to note are the following:

- 1.) Cable band 56N has a measured slip from the horizontal mark of 6mm Downhill on the Outboard side of the cable.
- 2.) Cable band 58N has a measured slip from the horizontal mark of 3mm Downhill on the Outboard side of the cable.
- 3.) The suspender rope rendering on the outboard side of the cable had a -4mm measurement from the horizontal mark on both the Uphill and Downhill grooves

It should be noted that the ABF ironworkers would report the cable band gaps on the top of the cable band where myself and Rob would be responsible for measuring the uphill and downhill gaps of the bottom of the cable band.

The ABF ironworkers were not in a hurry to stress cable band bolts today. Similarly the Smith Emery technicians responsible for measuring the cable band bolt elongations with the Extensometer were taking multiple breaks on the South Mainspan catwalk.

Attachment



Smith Emery consultants seen taking one of their many breaks during the shift.



The equipment storage bins are scraping the cable zinc coating when mobilizing to a new cable band due to the current highline position.