



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 11:00 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 697 Const Calendar Day: 137 Date: 19-Oct-2012 Friday
Inspector Name: Bruce, Matt Title: Transportation Engineer
Inspection Type: Continuous
Shift Hours: 12:00 am 05:30 pm Break: 09:30 Over Time:

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

Weather

Temperature 7 AM 50 - 60 12 PM 60 - 70 4PM 60 - 70
Precipitation 0.00" Condition Clear w/light fog to partly overcast to overcast

Working Day If no, explain:

Diary:

Dispute

Work description.

- Used the Caltrans CT-1 Extensometer to measure bolt elongations for the following cable bands which are being monitored weekly:



Randomly selected cable bands: 16S, 18S, 36S, 38S, 46S, 70S, 72S, 80S, 82S

16N, 18N, 36N, 38N, 46N, 70N, 72N, 80N, 82N

Cable bands w/low gaps: 34S, 40S, 44S, 46S, 48S, 50S, 66S, 14N

The measurements were taken by myself, John Lyons, Alex Schmitt and Victor Pereyra. John took the majority of the readings on the digital dial and recorded the number. Alex, Victor, 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 conventional thermometer was used for the steel temperature. While taking measurements of the steel, both the cable band casting and the main cable were measured at the same temperature. It should be noted that the infrared gun was checked against the conventional thermometer on the cable band casting. The readings with both tools were equivalent, therefore confirming the measurements taken on the cable band casting during the measurements in the afternoon yesterday.

- Met with Paul Jefferson regarding surveys for the Bearings and Shear Keys prior to stressing and grouting operations at the E2 cap beam.

- Met with Jason Wilcox and Bob Brignano in the field to discuss upcoming measurements for the alignment of the Hinge A pipe beams.

Attachment



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

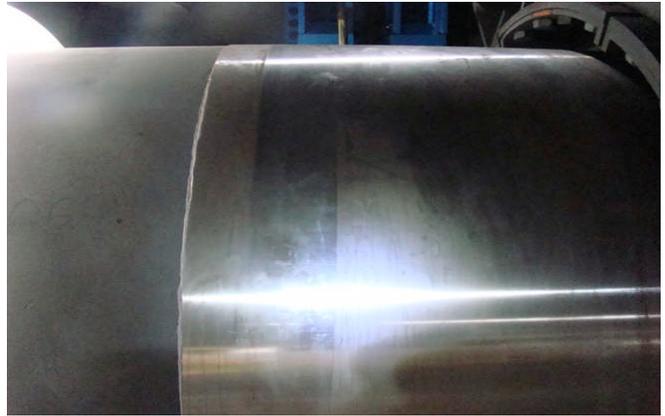
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Friday



The North W-Line Hinge A pipe beam at the fuse section between the SAS and Skyway.



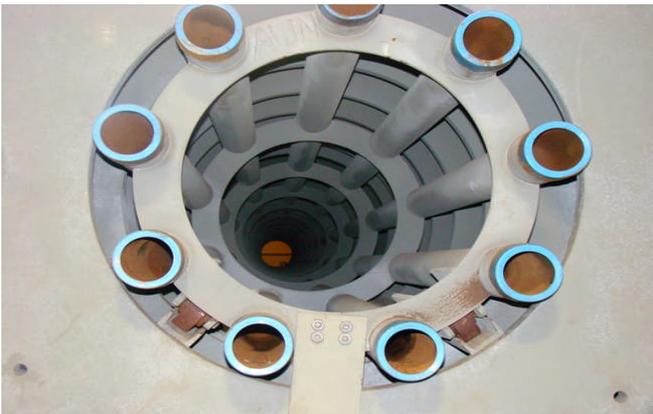
Stainless steel section of the W-Line North Hinge A pipe beam just inside (Support C) of the Skyway steel tub section.



ABF ironworkers beginning wrapping operations on the North Sidespan cable today.



Roller supports for the Hinge A pipe beam pulling operation.



Looking through the W-Line North Hinge A pipe beam for surveying the pipe from one end to the other.



The W-Line South Hinge A pipe beam being pulled through the Skyway and SAS sleeves.