



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 8:02 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 767 Const Calendar Day: 232 Date: 22-Jan-2013 Tuesday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 am 05:30 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 Partly Cloudy

Working Day If no, explain:

Diary:

Dispute

Work description.

- Used the Caltrans CT-2 Extensometer to measure bolt elongations for the following cable bands at the request of Tai-Lin Liu:

112N and 114N

The measurements were taken by myself, John Lyons, and Tai-Lin Liu. John took all of readings on the analog dial and Tai-Lin recorded the number. I positioned/handled the Extensometer on the cable band bolts. Measurements were taken from approximately 7:50am to 8:50am. Thermal effects were inconsequential due to the fact that the measurements were taken just after sunrise approximately at 7:30am.

- Continued to process the measurements taken on the Shear Key and Bearing alignments related to the West 86mm Geometric and 1.874m East Offset lines. Also worked on processing the level run notes for the Bearing and Shear Key Center of Rotation. Spent the majority of the day working on this task to see if there was any issues with the alignment since grouting was initially underway.

- Checked a few measurements from yesterday for the Shear Key and Bearing alignment in relation to the E2 cap beam and the PP119 scribe line. Specifically, measurements were taken from the 1.874m East offset line to Shear Key S2, and Bearings B2/B4. It should be noted that grouting operations have begun on the North side of the cap beam to fill the anchor rod blockouts. All of the measurements taken up to this point indicate that the Shear keys and Bearings are properly aligned within acceptable construction tolerances.

- Observed the operations to send a camera into the duct of transverse tendon CBT-9 to identify what was obstructing strand placement. ABF engineers Mark MacDonald and Levi Gatsos were present for this operation, where Roto-Router was called onto the jobsite to perform the task. The camera was sent from both ends of the tendon where a substantial amount of epoxy was found approximately 107ft from the North end of the tendon. Also as the camera was being run through the duct miscellaneous debris was also seen. I informed Mark and Levi this material needed to be flushed out of the duct as well in addition to the epoxy being removed for strand placement.

Attachment



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Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 767

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Tuesday



One suspender rope separator installed at panel point 20 South.



View from the W2 cap beam looking east towards the tower of the removed trestle in preparations for the temporary truss removal.