



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:53 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 384 Const Calendar Day: 101 Date: 13-Sep-2012 Thursday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:30 AM 04:00 PM Break: 00:30 Over Time: 01:00

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 12 PM 4PM
Precipitation Condition

Working Day [checked] If no, explain:

Diary:

Dispute

Phase 1 Load Transfer

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Phase-1 load transfer (LT) step 2b-Adj was completed (started yesterday)
- Phase-1 load transfer (LT) step 2c-Adj was completed
- Phase-1 load transfer (LT) step 2d-Adj was completed
- Phase-1 load transfer (LT) step 2e-Adj was started
- Re-tensioning of cable band (CB) bolts

Today I was inspecting the LT suspender jacking operation on the South cable. They had 2 crews jacking on the South cable today. See the diary of Sami Daouk & Laraine Woo for additional details for the South cable suspender jacking. See the diary of others for information on the North cable suspender jacking & cable band bolt tensioning.

- I arrived at the pier 7 office at 06:30, & was on the bridge at 06:45.
- Throughout the entire shift, Gary Anderson's crew was jacking on the suspenders on the South cable. For most of the shift, I was measuring remaining jacking lengths (RJLs) while others were watching the jacking pressures. Occasionally, I would also watch the jacking pressures when someone needed a break.
- From 07:00 until 09:30, Gary's crew was jacking on the step 2b-Adj suspenders on the South cable.
- From 07:30 until 09:00, they were re-tensioning the friction clamp bolts on the loaded suspenders. They completed the re-tensioning of these bolts on all of the step-1 & step-2 suspenders.
- From 09:30 until 12:45, Gary's crew was jacking on the step 2c-Adj suspenders on the South cable.
- From 12:45 until 15:00, Gary's crew was jacking on the step 2d-Adj suspenders on the South cable.
- At 15:00, Gary's crew started jacking on the step 2e-Adj suspenders on the South cable.
- At 15:00, I left the bridge. See the diaries of Laraine Woo & Sami Daouk for details of the operation after this time.
- Note: Each time Gary's crew was jacking on any suspenders, we observed the pressure gauge to ensure that they stayed within the do-not-exceed (DNE) pressure. The maximum suspender jacking pressure observed today was 5500 psi (at PP986S), which was well within the DNE of 9069 psi.
- Note: After the suspender jacking at each panel point, we measured the remaining jacking length (RJL) to make sure they were in accordance with the LT plan submittal. Each of the RJL measurements matched the theoretical numbers in the LT plan submittal.
- From 15:15 until 15:30, I spoke with Roman Granados to give him an update on the field work.
- From 15:30 until 16:00, I wrote my diary for the day & checked email.

