



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 11:09 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 527 Const Calendar Day: 307 Date: 07-Apr-2013 Sunday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 06:50 AM 03:40 PM Break: 00:30 Over Time: 08:00

Federal ID:

Location:

Reviewer: Soheilifard, Saman 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

Material Inspection

Overview of Cable work today:
The following work was ongoing today on the Cable:
- Painting of main Cable
- Misc Cable punch-list work

Today I was doing inspection in the field looking for broken bolts or rods. This was a result of recently found broken rods at the E2 shear keys.

- At 06:50, I arrived at the pier-7 office, & was on the bridge at 07:10.
- From 07:10 until 08:00, I was inspecting the removal & re-installation of a hand-rope anchor plate at PP 8S. It was previously installed incorrectly, & it needed to be flipped & re-installed. The hand rope was de-tensioned, the plate was removed & flipped, & then the plate was re-installed in the correct orientation. - Note: the shoulder bolts connecting the plate to the cable band were installed with loctite on the threads & snug tight.
- At 08:00, the iron-workers started to do misc work of organizing tools.
- From 08:30 until 11:00, Laraine Woo & I inspected the A354 Grade BD rods in the East saddle (both eastbound & westbound). This included the saddle tie rods & the saddle anchor rods. The following items were checked on each of the Tower tie rods rod: 1) a visual inspection to see if the head & nut had separated from the bearing surface; 2) a hands on inspection to see if the nuts were loose; & 3) a general visual inspection to look for any damage or rust on the rods. All of the rods appeared OK. The following checks were done on the saddle anchor rods: 1) a visual inspection to verify that the rods were not broken. Only a visual inspection was done on each of the anchor rods because the contract plans call for one side of these rods to have a 1mm gap between the saddle & the nut. All of the rods appeared OK.
- From 11:00 until 12:30, Laraine & I inspected the A354 Grade BD rods in the B14 cable brackets at PPs 112N, PP 114N, PP 116N, PP 112S, PP 114S, & PP 116S. The following items were checked on each of the B14 rods: 1) a visual inspection to see if the bearing nut had separated from the bearing plate on both the top & bottom nuts of the rod (Note: the bottom nut visual inspection was with inspection mirrors); 2) a hands on inspection to see if the nuts were loose on the top of the rod (the bottom nuts on the rods were inaccessible for a hands on inspection; & 3) a general visual inspection to look for any damage or rust on the rods. All of the rods appeared OK
- From 12:30 until 13:00, lunch.
- At 13:00, I left the bridge.
- From 13:15 until 13:30, I spoke with Bob Brignano to give him an update of what we had checked.
- Fro 13:30 until 14:00, I summarized the inspections done today & yesterday to make sure that we did not miss any of the A354, Grade BD rods.
- From 14:00 until 15:20, I signed off the inspection checklists created by Bob Brignano for the rods that I



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Wright, Doug

Diary #: 527

Date: 07-Apr-2013

Sunday

checked.

- From 15:20 until 15:40, I wrote my diary for the day & checked email.

.

Attachment



Laraine checking the bottom nut on the B14 anchor rods at PP 116S with an inspection mirror