



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 11:12 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 507 Const Calendar Day: 281 Date: 12-Mar-2013 Tuesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:50 AM 05:30 PM Break: 00:30 Over Time: 02:00

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

Suspender Ropes Activities

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Painting of suspender ropes & main Cable
- Installing split collars & elastomeric collars
- Cleaning zinc paste from S-wire & cable bands

Today I was inspecting suspender ropes to look for any broken wires.

- Over the past several days, broken wires were found on type 2 suspender ropes. Therefore, Brian Boal wanted all of the type 2 suspender ropes to be inspected to look for any more wires that were broken. The lower portions of the suspender ropes were inspected in a JLG man-basket from the deck level. The upper portions of the suspender ropes were inspected in a basket on the Favco crane.
- Throughout the morning, I was in a Favco man-basket with Roman Granados, ABF Engineer Adam Reeve, & one iron-worker inspecting the upper portions of the type 2 suspender ropes. We inspected the upper portions of the suspender ropes at PPs 34S, 36S, 38S, 40S, 44S, 46S, 48S, 38N, 40N, 44N, 46N, & 48N. One broken wire was found on PP 38N. It was on the downhill-outboard rope, & was located 5.48m below separator # 4. We took photographs of the broken wire, & then the loose tail on the wire was cut free using a dremmel cutting tool, & the wire was saved for further evaluation. After the tail was cut free, the cut end of the wire was coated with one coat of organic zinc primer (wasser MC zinc-100).
- From 12:00 until 12:30, lunch.
- From 12:30 until 15:00, the Favco was needed for other work, so I accompanied ABF Engineer Adam Reeve in a JLG to inspect the lower portions of type 2 suspenders. I inspected the lower portions of the suspender ropes at PPs 36N, 38N, 40N, 44N, 46N, & 48N. No broken wires were found.
- From 15:00 until the end of the shift, I was in a Favco man-basket with Laraine Woo, ABF Engineer Adam Reeve, & one iron-worker inspecting the upper portions of the type 2 suspender ropes. We inspected the upper portions of the suspender ropes at PPs 32N, 34N, 36N, & 38N. No broken wires were found.
- At 16:30, I left the bridge.
- From 16:45 until 17:00, I spoke with Brian Boal & Warren Collins to give them an update of inspection.
- From 17:00 until 17:30, I wrote my diary for the day, & checked email.

