



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 10:52 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 737 Const Calendar Day: 191 Date: 12-Dec-2012 Wednesday

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 50 - 60 12 PM 50 - 60 4PM 50 - 60

Precipitation 0.00" Condition Overcast

Working Day [] If no, explain:

Diary:

Dispute

Work description.

- Checked to see if there was any work being performed on the handropes, messenger cables, and stanchion posts intermittently today. Currently all of the work that can be performed has been completed.

- Performed an inspection on the suspender rope clamps from panel points 10 to 48 on both the north and south cables. ABF engineer Scott Yeager is requesting that Caltrans approve the installation of the clamps. I watched the majority of the clamp installation on the sidespans while Sami Daouk watched the mainspans. Overall the suspender rope clamp is acceptable with the components oriented in the proper manner. However the gap between the zinc buttons and the clamp needs to be checked before accepting the clamp installation.

- Checked to see if Schwager Davis was onsite to complete grouting the short vertical PT bars blockout. Met with ABF engineer Levi Gatsos to discuss my concerns and the remaining work in this location. I told Levi about the amount of water coming out of the blockout. I recommended that the blockouts be blown out with compressed air prior to grouting again. Approximately a dozen blockouts for the short vertical PT bars still needs to receive grout in the area between the top hex nut and area already grouted. Also I deferred to Jason Wilcox regarding the clean up of the grout on top of the Hinge K pipe beam boxes.

- Inspected the bolts on the south sidespan and mainspans for the correct match marks on the stanchion posts, messenger cable angle support, and handrope clamp. The following work has been completed:

South Sidespan: a.) 2 Stanchion post bolts (1/2 turn) = As reported in my diary on Monday December 10th, 10S and 12S are complete with matchmarks, although there are no match marks up to 32S. Also the washers for the lower stanchion post bolts (inboard and outboard) at PP28S were missing.

South Mainspan: a.) 2 Stanchion post bolts (1/2 turn) = 100% complete from PP54 to PP104 b.) 12 Stanchion post channel bracket bolts (1/2 turn) = 100% complete at panel point 104. The bolt turn should be 1/3 instead of 1/2. Channel bracket has yet to be installed at PP44

North Mainspan: a.) 2 Stanchion post bolts (1/2 turn) are complete except for the following:
- 44N Outboard bolts
- 46N Inboard top bolt only



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Job Name: 04-0120F4

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Wednesday

- 68N Inboard top bolt 2/5 turn
- 70N, 72N, 74N, 92N, 94N Inboard bolts have sloppy/questionable match marks
- 72N, 74N, 80N Outboard bolts have sloppy/questionable match marks
- 86N Outboard top bolt has sloppy/questionable match marks
- 80N Inboard bottom bolt 2/5 turn

Work description.



04-0120F4

Bid Item: 034

X-W2C-GVR.034

E-W Line Cross Over W2 Cap Stress & Grout Vertical Rods

SCHWAGER DAVIS INC.

Attachment



Bolts seen on the outboard side of cable band 44N requiring 1/2 turn torque, note the stanchion post paint surface near the washer.



Bolts seen on the inboard side of cable band 44N w/1/2 turn torque, note the compressed stanchion post paint surface near the washer.