



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 11:06 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 545 Const Calendar Day: 330 Date: 30-Apr-2013 Tuesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 AM 05:45 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 12 PM 4PM
Precipitation Condition

Working Day [checked] If no, explain:

Diary:

Dispute

Split Collars

[checkbox]

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Painting of main Cable & suspender brackets
- Bolting of suspender bracket top closure plates
- Replacing elastomeric collars at PP 108N

Today I was inspecting Mike Draper's crew on bolting of suspender bracket closure plates at PPs 108 & 110, & replacing elastomeric collars at PP 108N. Also, I did some inspection of suspender rope to verify that there are no broken wires.

- At 07:00, I arrived at the pier-7 office, & I arrived on the bridge at 07:10.
- From 07:10 until 07:45, I inspected suspender rope wires in a man-basket from the 90-ton crane. I checked the ropes at PP 52S above the second suspender separator.
- From 07:45 until 11:00, I was inspecting the installation & bolting of the suspender bracket top closure plates at PPs 108S & 110S. The plates were installed; bolts (20mm by 90mm long) were installed; & then the bolts were tensioned snug plus one half turn.
- From 11:00 until 11:30, I witnessed torque verification of split collar bolts at PP 62N. These bolts were tensioned yesterday as part of punch-list work to install a missing bolt. We verified 4 of the 8 new bolts, & they all met minimum inspection torque.
- From 11:30 until 12:10, I inspected suspender rope wires in a man-basket from the 90-ton crane. I checked the ropes at PP 54S above the second suspender separator.
- From 12:10 until 12:40, lunch.
- From 12:40 until 13:30, I witnessed torque verification of the top closure plate bolts at PPs 108S & 110S. At PP 108S, we verified 30% of the bolts, & all met the minimum inspection torque requirement of 550 ft-lbs. At PP 110S, 2 of the bolts did not meet 550 ft-lbs, so we verified all of the bolts in the connections. All of the other bolts were at 550 ft-lbs, but the 2 bad bolts had stripped threads. These 2 bolts were removed, & 2 new bolts were installed & tensioned to snug plus one half turn. These 2 bolts were then torque verified & they met the minimum inspection torque.
- From 13:30 until 15:00, I was inspecting the installation & bolting of the suspender bracket top closure plates at PP 110N. The plates were installed; bolts (20mm by 90mm long) were installed; & then the bolts were tensioned snug plus one half turn. - Note: we did not torque verify these bolts today, they will be done tomorrow.
- From 15:00 until the end of the shift, Mike's crew mobilized their tools & equipment to PP 108N to start the work of replacing elastomeric collars. 2 of the previously installed collars have significant separation between the halves, & need to be replaced.
- At 16:15, I left the bridge.



Daily Diary Report by Bid Item

Job Name: 04-0120F4 Inspector Name Wright, Doug Diary #: 545 Date: 30-Apr-2013 Tuesday

- From 16:30 until 17:00, I updated the Cable punch-list.
- From 17:00 until 17:45, I wrote my diary for the day & checked email.

04-0120F4 Bid Item: 067 C-SUS-SCC.067 Install Suspender Clamps, Separators, Collars

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	AARON DAVID	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	RICHARD DAMBOISE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	MICHAEL DRAPER	8.00	2.00	0.00	10.00		<input type="checkbox"/>

