



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:49 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 413 Const Calendar Day: 138 Date: 20-Oct-2012 Saturday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:50 AM 03:45 PM Break: 00:30 Over Time: 08:00

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 If no, explain:

Diary:

Dispute

Cable Wrapping

- Overview of Cable work today:
The following work was ongoing today on the Cable:
- Cable wrapping
- Painting of the suspender ropes
- Installation of suspender clamps

Today I was inspecting Kevin Karber's crew on Cable wrapping on the South side-span. See the diaries of L. Woo & S. Daouk for additional details of Cable field work.

- I arrived at the pier 7 office at 06:50, & was on the bridge at 07:10.
- From 07:10 until 07:30, additional zinc paste was applied in the areas where the protective plastic sheets removed some paste from the Cable.
- From 07:10 until 07:45, the 350mm section of S-wire wrapped yesterday was knocked down to lap under the cable band (CB) caulking groove at PP 10S. Wood blocks were used between the knocking tools & the S-wire, & no damage was done to the S-wire during the knocking.
- From 07:45 until 08:10, the wrapping machine was aligned with the previously wrapped S-wire to get ready to re-start wrapping.
- From 08:10 until 11:15, machine wrapping of the Cable was ongoing. During the wrapping, I was checking the wrapping tension, zinc paste application to see if any touch-up was needed & that excess paste was squeezed out during wrapping, & the placed S-wire behind the machine to make sure there were no gaps, crosses, or bulges. See attached photos of the tension scale, excess paste being squeezed out between the S-wires, & the completed S-wire.
- At 11:15, the bobbins were close to running out of S-wire, so the wrapping was stopped. At this time, they had completed approximately 5m of wrapping. They planned to remove the push machine, & install the pull machine to wrap up to the uphill CB.
- From 11:15 until 12:00, the Cadwelds were placed on the S-wires near the top of the Cable to secure the S-wires in place.
- From 12:00 until 12:30, I ate lunch.
- From 12:30 until 14:00, the push wrapping machine was removed from the cable.
- Note: After the push machine was removed from the Cable, & asked the laborers to touch-up the zinc paste in the area that was under the wrapping machine.
- From 14:00 until the end of the shift, the pull wrapping machine was being installed near the point where the previously wrapping had stopped.
- From 14:30 until the end of the shift, the zinc paste was covered with plastic & duct taped tape around the Cable to protect the zinc paste overnight.
- At 15:00, the crews wrapped up their tools to end the shift.



Daily Diary Report by Bid Item

Job Name: 04-0120F4 **Inspector Name** Wright, Doug **Diary #:** 413 **Date:** 20-Oct-2012 **Saturday**

- At 15:10, I left the bridge.
 - From 15:20 until 15:45, I wrote my diary for the day, checked email, updated my vehicle mileage log, & sent my timesheet for the week.
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04-0120F4 Bid Item: 067 C-PWS-WCS.067 Wrap Cable System

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Semi-Skilled Laborer	FOR	GUILLERMO LIMON	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Semi-Skilled Laborer	JNM	JESUS RODRIGUEZ	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	BARRY ROTHMAN	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	Anthony Volpe	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	MORRIS ROBERSON	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	BRIAN BENSON	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	FOR	KEVIN KARBER	0.00	8.00	0.00	8.00		<input type="checkbox"/>

Attachment



Excess zinc paste being squeezed out between wires during wrapping



Uniform S-wire surface laid down behind the machine



Tension scale at 300 lbs (should be from 246 to 361 lbs)