



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 3:47 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 428 Const Calendar Day: 151 Date: 02-Nov-2012 Friday
Inspector Name: Wright, Doug Title: Transportation Engineer
Inspection Type: Continuous
Shift Hours: 06:45 AM 05:50 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

Cable Wrapping

[checkbox]

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

Today I was inspecting Tony Costa's crew & Mike Draper's crew on Cable wrapping on the North main-span. See the diaries of L. Woo, S. Daouk, J. Lyons, V. Altamarano, & T. Shimada for additional details of Cable field work.

- I arrived at the pier 7 office at 06:45, & was on the bridge at 07:10.
- From 07:10 until 08:10, Tony's crew was wrapping the Cable with the "push" machine near PP 84.5. They stopped when the machine ran up against the edge of the cable band (CB) at PP 84N.
- From 07:10 until 08:40, Mike's crew was setting up the "pull" machine near PP 94N.
- From 07:10 until 09:30, zinc paste was being applied to the Cable between PPs 84N & 83N.
- From 08:10 until 08:25, Tony's crew placed Cadwelds atop the Cable to secure the S-wire in place.
- From 08:25 until 08:50, Tony's crew removed the "push" wrapping machine from the downhill side of the CB, & installed it just uphill of the CB at PP 84N.
- From 08:40 until 10:30, Mike's crew was doing the S-wire butt splice near the CB at PP 94N.
- From 08:50 until 09:10, Tony's crew wrapped the first 250mm of S-wire just uphill of the CB at PP 84N.
- From 09:10 until 09:20, Tony's crew placed Cadwelds atop the Cable to secure the S-wire in place.
- From 09:20 until 09:35, Tony's crew knocked the 250mm section of S-wire downhill to lap under the CB caulking groove.
- From 09:35 until 10:30, Tony's crew was wrapping the Cable with the "push" machine. They wrapped about 3m during this time, & stopped when the bobbins ran low on S-wire near PP 83.6N.
- From 10:30 until 11:00, Tony's crew placed Cadwelds atop the Cable to secure the S-wire in place, & full S-wire bobbins were installed on the wrapping machine.
- From 10:30 until 14:20, Mike's crew was wrapping the Cable with the "pull" machine near PP 94N.
- From 11:00 until 11:40, Tony's crew was doing the S-wire butt splice near PP 83.7N.
- From 11:00 until 13:00, zinc paste was being applied to the Cable between PPs 83N & 82N.
- From 11:40 until 11:50, after the butt splice was done, Tony's crew wrapped several turns, & then Cadwelds were placed across the S-wires that were butt spliced.
- From 11:50 until 14:30, Tony's crew was wrapping the Cable with the "push" machine. They wrapped about 5m during this time, & stopped when the bobbins ran low on S-wire near PP 82.7N.
- From 12:10 until 12:40, lunch.
- From 14:20 until 16:00, Mike's crew moved the "pull" wrapping machine up to near the CB at PP 92N.
- From 14:30 until 14:50, Tony's crew placed Cadwelds atop the Cable to secure the S-wire in place, & full



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Job Name: 04-0120F4 **Inspector Name** Wright, Doug **Diary #:** 428 **Date:** 02-Nov-2012 **Friday**

S-wire bobbins were installed on the wrapping machine.

- From 14:50 until 15:15, Tony's crew was doing the S-wire butt splice near PP 82.7N.
- From 15:15 until 15:35, Tony's crew was wrapping the Cable with the "push" machine. They wrapped about 1m during this time, & stopped when the machine ran up against the edge of the cable band (CB) at PP 82N.
- From 15:35 until 15:45, Tony's crew placed Cadwelds atop the Cable to secure the S-wire in place.
- From 15:45 until 16:15, Tony's crew removed the "push" wrapping machine from the downhill side of the CB, & installed it just uphill of the CB at PP 82N.
- At about 16:00, Brian Boal & Roman Granados came to the North main-span to check out an issue that was discovered. It is with the amount of S-wire that is lapped under the CB caulking groove at PP 88N. Portions of this S-wire are not pushed downhill far enough, & do not lap under the caulking groove. See attached photo. This work was not done during my shift, so I could not answer specific questions as to how this turned out this way. ABF plans to come up with a mitigation plan to address the issue.
- From 16:00 until the end of the shift, Mike's crew was doing the S-wire butt splice near PP 92N.
- From 16:15 until 16:30, Tony's crew wrapped the first 250mm of S-wire just uphill of the CB at PP 82N.
- From 16:30 until 16:50, Tony's crew placed Cadwelds atop the Cable to secure the S-wire in place.
- From 16:50 until the end of the shift, Tony's crew set up to start trying to knock the 250mm section of S-wire downhill. However, they did not move the S-wire during the shift today. They will pick up where they left off tomorrow morning.
- At 17:10, I left the bridge. - Note: I was scheduled to work 10 hours today.
- From 17:20 until 17:50, I wrote my diary for the day & checked email.

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								
Ironworker	APP	RYAN NASH	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker		THADDEUS BOOKER	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	ROGELIO RUIZ	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"/>
Semi-Skilled Laborer	APP	JESUS RUIZ	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Semi-Skilled Laborer	FOR	GUILLERMO LIMON	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	Robert Larue	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	RYAN EVANCHIK	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	JONATHON BISKNER	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	AUGIE SOLIS	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	CASEY LUX	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	ANTHONY COSTA	8.00	2.00	0.00	10.00		<input type="checkbox"/>

Attachment



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Wright, Doug

Diary #: 428

Date: 02-Nov-2012 Friday



PP 88N - S-wire not lapped under the cable band caulking groove