



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 11:08 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 532 Const Calendar Day: 313 Date: 13-Apr-2013 Saturday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 06:50 AM 04:30 PM Break: 00:30 Over Time: 00:00

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

Catwalk Removal

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Painting of main Cable & suspender ropes
- Removing the South main-span catwalk
- Installing CCO-200 suspender protection brackets
- Cable wrapping prep work

Today I was inspecting James Benninghove's crew on catwalk removal, Roger Ruiz's crew on catwalk removal & CCO-200 work, & Mike Draper's crew on Cable wrapping.

- At 06:50, I arrived at the pier-7 office.
- At 07:10, I arrived on the bridge. At this time, work was ongoing for removing the South main-span catwalk. The crews were removing the catwalk near PP 68S, & were working their way up the main-span.
- At 07:30, I noticed some activity near PP 102S, & went to investigate. I noticed an area of the Cable wrapping S-wire that was damaged. It was on the outboard side of the main Cable, & about 1m downhill of the cable band (CB) at PP 102S. See attached photos. I called ABF Engineer Scott Yeager, & he told me that the damage happened yesterday near the end of the shift while removing portions of the catwalk anchor frame. He also mentioned that they plan to remove the S-wire between the damage area & the cable band at PP 102S. They will then re-wrap the S-wire by hand wrapping. I later spoke with Warren Collins regarding the issue & their plan to re-wrap the S-wire.
- See below for details of the various activities today:

Cable wrapping:

- In order to remove the S-wire near PP 102S, scaffolding was erected to provide a working platform.
- Protective plastic was installed on the main Cable, CBs, suspender ropes, & hand-ropes to try to keep them clean of zinc paste.
- Material & tools for wrapping (S-wire bobbins, micro-welder for butt splices, etc) were brought to the site.
- The caulking & butyl rubber were removed from the CB caulking groove on the downhill side of the CB at PP 102S.
- The termination wedges between the CB caulking groove & the S-wire were removed.
- This work will continue tomorrow.

CCO-200 work:

- Roger's crew installed the suspender protection brackets at PP 98N.
- The neoprene had previously been attached to the brackets with adhesive inside the brackets.
- The brackets were installed on the inboard suspender ropes at PP 98N located 50mm above the



Daily Diary Report by Bid Item

Job Name: 04-0120F4 Inspector Name Wright, Doug Diary #: 532 Date: 13-Apr-2013 Saturday

suspender clamp.

- The 12mm, Grade A307 bolts were installed between the halves of the protection bracket, & the 2 halves of the bracket were worked together gradually by equalizing the gaps between the flanges of each half of the bracket while tightening the bolts. Once the plies were brought into contact (snug), the bolts were tightened an additional one third of a turn. Jam nuts were installed & tightened behind the nuts.

Catwalk removal:

- Removal of the South main-span catwalk was ongoing throughout the shift. By the end of the shift, only one section of the catwalk (from PP 50S to PP 52S) remained.

- At 15:00, I left the bridge.

- From 15:10 until 15:30, I downloaded photos of the damaged S-wire, & sent emails to Brian Boal & Roman Granados regarding the S-wire damage.

- From 15:30 until 16:00, I wrote my diary for the day, checked email, & sent my timesheet for the week.

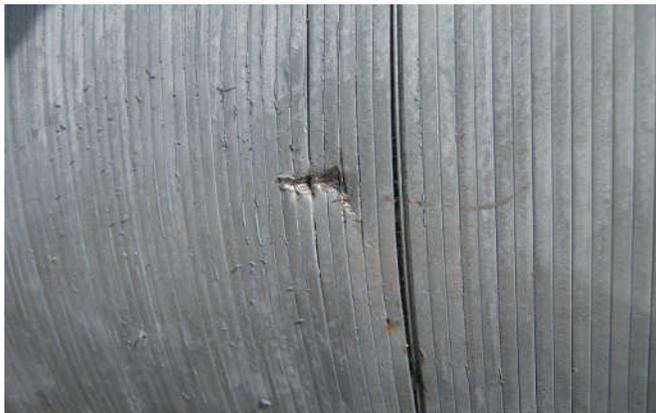
04-0120F4 Bid Item: 067 C-SUS-SCC.067 Install Suspender Clamps, Separators, Collars

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	APP	JONATHAN CANITES	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	ROGELIO RUIZ	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	MICHAEL DRAPER	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	RENE ESQUIVEL	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	JAMES MIRANDA	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	JOSE ALFARO	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	ETHAN KENT	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	STANLEY DALIE	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	FOR	JAMES BENNINGHOVE	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	LONNY CANDELARIA	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"/>

Attachment



Close-up view of damaged S-wire



Area of S-wire damage located about 1m downhill of PP 102S