



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 4:04 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 309 Const Calendar Day: 989 Date: 24-May-2012 Thursday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

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

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 Suspenders

Overview of work today:

Installation of suspender ropes continued today in the North side-span, & was started in the South side-span. Cable Band (CB) bolt tensioning was ongoing on the South main-span, & CB re-installation was ongoing on the North main-span.

I was inspecting Aaron Kent's crew on suspender rope installation in the North side-span, & Tony Costa's crew on suspender rope installation in the South side-span. See below for a list of labor for these crews. Others (L. Woo, S. Daouk, V. Altamarano, A. Iranmenesh, S. Soheili) were inspecting the CB tensioning, CB installation, CB cleaning, & CB grinding. See their diaries for additional details.

- I arrived at the pier 7 office at 06:50, & was on the bridge at 07:00.

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Work on suspender installation:

- From 07:00 until 08:30, Aaron's crew was finishing the set-up of the suspender rope installation winch & roller battery at PP16N.
- From 07:00 until 08:00, Tony's crew was moving in equipment to start installing suspenders at PP10S.
- From 08:00 until 09:00, Tony's crew was laying out the uphill & downhill suspender ropes at PP10S. I inspected the suspenders to make sure they were about to install the correct suspenders, & to check for damage (none was noticed).
- From 08:30 until 09:15, Aaron's crew was installing the uphill suspender at PP16N. This was being installed with the winch line run over top of the roller battery attached to the Cable. See attached photos.
- From 09:00 until 10:15, Tony's crew was installing the suspenders at PP10S. This was being installed with a crane. See attached photo.
- From 09:15 until 10:30, Aaron's crew was transferring the suspender from the roller battery into the CB suspender groove. Also, they were prepping to install the downhill suspender at PP16N.
- From 10:30 until 11:45, Tony's crew was laying out the uphill & downhill suspender ropes at PP12S. I inspected the suspenders to make sure they were about to install the correct suspenders, & to check for damage. I noticed some galvanizing damage on the bottom of the socket of the upper suspender. See attached photo.
- From 10:30 until 11:45, Aaron's crew was installing the downhill suspender at PP16N. This was being installed with the winch line run over top of the roller battery attached to the Cable.
- From 11:45 until 12:10, Aaron's crew was transferring the suspender from the roller battery into the CB suspender groove.
- From 11:45 until 12:20, Tony's crew was installing the suspenders at PP12S with a crane.
- From 12:40 until 14:30, Aaron's crew was mobilizing the winch & roller battery to PP18N.



## Daily Diary Report by Bid Item

**Job Name:** 04-0120F4    **Inspector Name** Wright, Doug    **Diary #:** 309    **Date:** 24-May-2012    **Thursday**

- From 13:00 until 14:00, Tony's crew was doing misc work as they brought in a different crane to pick the suspenders at PP14S.
- From 14:00 until 14:45, Tony's crew was laying out the uphill & downhill suspender ropes at PP14S. I inspected the suspenders to make sure they were about to install the correct suspenders, & to check for damage (none was noticed).
- From 14:30 until 15:20, Aaron's crew was installing the downhill suspender at PP18N. This was being installed with the winch line run over top of the roller battery attached to the Cable.
- From 14:45 until 15:30, Tony's crew was installing the suspenders at PP14S with a crane.
- From 15:20 until 16:30, Aaron's crew was transferring the suspender from the roller battery into the CB suspender groove. Also, they were prepping to install the downhill suspender at PP18N.
- From 15:30 until the end of the shift, Tony's crew was setting up the winch lines & roller battery that will be used to install the suspenders at PPs 16 through 40S.
- From 16:30 until 17:20, Aaron's crew was installing the uphill suspender at PP18N.
- At 17:10, Tony's crew wrapped up the tools to end their shift.
- From 17:20 until 17:45, Aaron's crew was transferring the suspender from the roller battery into the CB suspender groove.
- Note: On each installed suspender, I checked to make sure that the center mark was aligned with the top groove between CB halves.
- Conversation: I spoke with ABF Engineer Adam Reeve on several occasions throughout the shift regarding some observations on the suspender installation operation. I pointed out to him a couple of areas on the winch frame that need softeners so the suspenders do not get snagged. I mentioned the damaged galvanizing on the socket at PP12S. Also, I mentioned that they need some kind of softeners between the suspenders & the catwalk grating as they are rubbing in several spots.
- At 17:45, Aaron's crew wrapped up the tools to end their shift.
- At 17:50, I left the bridge.
- From 18:00 until 18:30, I wrote my diary for the day.

**04-0120F4    Bid Item: 067    C-PWS-CBD.067    Install Cable Bands**

AMERICAN BRIDGE/FLUOR, A JV

**Labor**

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	RICHARD CHOUINARD	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	APP	JACOB MECHE	0.00	0.00	0.00	0.00		<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"/>
Ironworker	JNM	RENE ESQUIVEL	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	JNM	STANLEY DALIE	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	APP	HENRY HERNANDEZ	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	JNM	MATTHEW COCHRAN	8.00	2.00	1.00	11.00		<input type="checkbox"/>
Ironworker	FOR	AARON KENT	8.00	2.00	1.00	11.00		<input type="checkbox"/>

**Attachment**

## Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Wright, Doug

Diary #: 309

Date: 24-May-2012 Thursday



Suspender install at PP16N with winch at deck level & roller battery attached to Cable



Suspender being pulled up thru hole cut in catwalk



Galvanizing damage on socket of uphill suspender at PP12S