



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 10:20 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 077 Const Calendar Day: 886 Date: 11-Feb-2012 Saturday

Inspector Name: Altamirano, Victor Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

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 40 - 50 12 PM 40 - 50 4PM 40 - 50

Precipitation Condition Foggy

Working Day [checked] If no, explain:

Diary:

Dispute

Cable Hauling

[checkbox]

Dated: 2012-02-11

Inspector: Victor Altamirano (12 hours total including 4 hours OT)

Weather: Foggy 51 degrees

West End Operations:

7:30 - Installing strand # 35 at NDS (95% installed). Workers are installing strand jacks on strand # 35.

SDS - Completely installed strand # 35. No crosswire(s) were found. Bottom wire rolled in. Workers are working on the restraint brackets. Tightening bolts, grinding weld on bracket weld connection.

J.S. - Strand # 35 100% installed at Jacking Saddle. No cross wires and centerline of strand is about 5" south of the centerline of the jacking saddle.

7:49 - Strand # 36 completed hauling.

7:54 - Strand # 35 is 100% installed. Wire # 1 migrates in front of # 2 but does not cross. No issue.

Workers are prepping to float strand # 36.

8am - NDS workers are installing PWS clamps to strand # 36. 180 degree twist observed just south of Torpedo clamp on strand # 36.

•Per ABF engineer, after yesterday's incident with the restraint bracket that sheared off that caused the foreman, James Benninghove, to cut his hand, the Contractor indicated that there was no fuse weld done on some of the restraint bracket welds. Workers will be going through all the connections and add a reinforcing plate to weld it on the restraint brackets. ABF engineer indicated ABF will be ordering new brackets that have a new weld type.

8:50 - PWS clamp installed at North & South side spans on strand # 36.

8:51 - Floating # 36 @ side spans.

9am - Hauling # 37 started.

9am - Strand # 36 is floated at west end.

9:15 - Observed on the south side span, workers at the Tower are fixing a 360 degree twist by laying it on the catwalk to mitigate the twist on strand # 36. The strand was set on the blue catwalk framing during the untwisting operation. CT engineers was okay with this.

9:15 - ABF completed tensioning the tension rods prior to installing # 36 at the jacking saddle.

10am - Strand # 37 on the North transfer arm. ABF sheave "rim" installed after socket hooked to the secondary hauling frame. Sheave was wrapped with tape on the inside.

10:20 - Formin g strand # 36 at the NDS & SDS. I indicated to ABF engineer that the 1 foot posts were not standing up prior to hauling at the SDS only. A worker indicated that these posts have not been standing up for the last few strands that have been hauled. Workers corrected this by re-standing the post before strand # 36 made it near the SDS. Issue resolved.

10:46 - Strand # 36 being installed.

10:46 - MCM instructed ABF superintendent to move from the NDS for safety concern because steel false work was being removed from adjacent to the SDS. All workers on the west end walked to the top deck.



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Job Name: 04-0120F4 Inspector Name Altamirano, Victor Diary #: 077 Date: 11-Feb-2012 Saturday

About 11am workers went back to were at the West End. About 15 minutes of work stopped at west end as a result of MCM's work.

11:24 – Seen a knife plate wedged in strand # 36 at the Jacking Saddle near the divider plate and the strand was being pulled south possibly damaging the strand. Told the foreman to take a look at this and he addressed it. No issues.

11:30 – Half way up the SDS, inner face of strand had slack wires. Told the iron worker but he indicated that they (ABF) can only control the outer face of the strand. Went to lunch about 12 and Roman (CT) indicated he will look at this issue. He indicated that the slack wires are getting tensioned as the strand is being installed and doesn't look to be an issue. After my lunch, I came back to the SDS and about 12' or more needed to be installed. Observed slacked wires and the strand were being installed this way. I later indicated this to an ABF engineer and he looked at it and workers continued installing the last foot of strand. Showed Roman the pictures I took of this and he indicated that the strand did not look like this when he was looking at it earlier.

1:11 – strand # 36 installed at NDS. No cross-wires observed and some migrating in and out wires.

Hauling completed for strand # 37 and workers are attaching PWS clamps on # 37.

2pm – strand # 36 installed 100% at the SDS. Found no cross-wire(s) in the front face of the strand.

3pm – Strand # 37 floated at west loop.

3:45pm – Strand # 38 being hauled at west end.

4:09 – Strand # 38 attached to the south primary hauling frame.

4:15 – MCM moving the 3rd column frame adjacent to the NDS. Work was stopped only for the NDS workers. Work continued at the NDS at 4:35pm (20 minutes total of work stopped at the NDS ONLY)

4:45 – Installing strand # 37 at the NDS & SDS. Centerline of strand # 37 is 2.5 inches south of the jacking saddle's centerline after installation.

5:19 – Fishing out wire between the # 2 & # 3 temporary post at the SDS for strand # 37. Observed wire # 1 rolled in enough that the wire is not visible and a gap between # 10 and # 11 wire.

5:56 – About 50% installed at the NDS & about 40% installed at the SDS. No cross-wires observed at this point.

Workers installing strand # 37 at the SDS, workers are also receiving divider plate halves from a crane on the top deck prior to installing the next strand # 38. Forman at SDS indicated that the timber was not driving the strand all the way in the trough during strand installation. Workers applied a different technique to deal was this issue:

- Workers used a soft sling / come-along and restraint to install strand
- A portapower was used to jack and open the divider plate gap enough to install the strand.

Based on the new technique, strand is going in without the use of a hammer or timber. About 6:50 pm, strand # 37 was installed and observed no crosswire, gap between wires and # 1 wire buried in the strand.

Hours Contractor worked: 12 hours total.

Workers @ West End:

Matt Holt (Foreman)

Andy Zhen

Edward Jimenez

Jonathon Biskner (not here today)

Pablo Ramirez

Lonny Candelaria

Jerry Kubala (Foreman)

Paul Mata

Rigovertto Garcia

Ryan Nash

Joseph Stone

James Benninghove (Foreman)

Tony Miranda

Michael Draper

Michael Portillo

Scott Smith (Superintendent) & Levi Gatsos (ABF engineers) were present.

04-0120F4 Bid Item: 067 C-PWS-001.067 Install & Adjust PWS 1-5

AMERICAN BRIDGE/FLUOR, A JV



## Daily Diary Report by Bid Item

Job Name: 04-0120F4    Inspector Name Altamirano, Victor    Diary #: 077    Date: 11-Feb-2012    Saturday

LABOR									
Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute	
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV									
Ironworker	FOR	MATTHEW HOLT	0.00	0.00	0.00	0.00		<input type="checkbox"/>	
Ironworker	JNM	PAUL MATA	0.00	0.00	0.00	0.00		<input type="checkbox"/>	
Ironworker	JNM	MICHAEL DRAPER	0.00	0.00	0.00	0.00		<input type="checkbox"/>	
Ironworker	JNM	MICHAEL PORTILLO	0.00	0.00	0.00	0.00		<input type="checkbox"/>	
Ironworker	APP	Tony Miranda	0.00	0.00	0.00	0.00		<input type="checkbox"/>	
Ironworker	APP	RYAN EVANCHIK	0.00	0.00	0.00	0.00		<input type="checkbox"/>	
Ironworker	FOR	JAMES BENNINGHOVE	0.00	0.00	0.00	0.00		<input type="checkbox"/>	
Ironworker	APP	RYAN NASH	0.00	0.00	0.00	0.00		<input type="checkbox"/>	
Ironworker	FOR	JERRY KUBALA	0.00	0.00	0.00	0.00		<input type="checkbox"/>	
<b>04-0120F4    Bid Item: 067    C-PWS-011.067    Install &amp; Adjust PWS 11-15</b>									
AMERICAN BRIDGE/FLUOR, A JV									

