



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 4:20 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 213 Const Calendar Day: 861 Date: 17-Jan-2012 Tuesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 AM 05:30 PM Break: 00:30 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 12 PM 4PM
Precipitation Condition

Working Day [checked] If no, explain:

Diary:

Dispute

Cable Hauling

Preliminary adjustment & "unfloating" of strand #3 was done today. Strand #4 was floated & installation was started. Also, the hauling of strand #5 was started.

CJ Biskner's crew, Tony Costa's crew, & Dave Lucero's crew were working near the Tower saddle for the entire shift.

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Work at the Tower saddle:

- At 07:00, shift started.
- At 07:50, Strand #4 was floated in the North main-span.
- From 08:00 until 08:20, strand #4 in the North side-span was transferred from the primary to the secondary floating winch line.
- From 08:35 until 08:45, strand #4 was floated out of the North Tower rollers using chain-falls.
- From 09:00 until 14:00, they were preparing strand #4 for installation in the North trough. It appeared as if they were setting up to start from the crown of the saddle.
- From 08:50 until 09:30, strand #3 in the South trough was adjusted (preliminary) by pulling it 1m Easterly through the saddle trough. The strand bird-caged and twisted during the adjustment. -- See detailed narrative below.
- From 09:30 until 09:40, strand #3 was re-installed in the South trough. No re-forming of the strand occurred prior to re-installation.
- From 11:25 until 11:30, strand #4 in the South side-span was transferred from the primary to the secondary floating winch line.
- From 13:15 until 13:30, strand #4 was untwisted in the Tower rollers. This was done manually with the use of nylon strap wrenches.
- At 13:15, hauling of strand #5 was started.
- At 13:40, the haul frame passed the North side of the Tower.
- At 13:45, hauling was paused when the strand was not on the top catwalk roller. When they were putting the strand back into the roller, a couple of wires got snagged on the outside of the rollers. The location is about 12m from the East socket. I marked the area with yellow paint pen, and notified Bob Brignano to check this area carefully after hauling.
- At 13:50, the hauling was paused for work of squaring the strand at the East end.
- From 14:15 until 14:25, strand #4 was floated out of the South Tower rollers using chain-falls.
- At 14:30, Roman called to ask me to go to the office to write up a summary of the bird-caged wires in strand #3.
- I called Saman to relieve me at the Tower, and I left at 14:55. See Saman's diary for additional information after 15:00. The list of labor below is for the entire shift.



## Daily Diary Report by Bid Item

Job Name: 04-0120F4    Inspector Name Wright, Doug    Diary #: 213    Date: 17-Jan-2012    Tuesday

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Preliminary adjustment of strand #3 in the Tower South trough:

- The adjustment was to pull strand #3 a distance of 1m Easterly through the saddle.
- Adjustment jacks were not used. Instead they used only the floating winches. While the strand was still floated in the side-span, they came off the main-span floating winch. The weight of the strand on the main-span pulled the strand through the saddle.
- 2 strand locks were attached (1 on the West side & 1 on the East side of the saddle).
- In the 1m of the strand that would be entering the saddle trough, the red wire was in the correct position, and only 1 knife plate was in place across the top 11 wires. ... See attached photo #1.
- During the adjustment, the strand bird-caged and twisted on the West side of the saddle and for a portion of the strand inside the trough. ... See attached photo #2.
- At this point, the Caltrans inspector Doug Wright informed ABF Engineer Andre Markarian, Superintendant Dave Meche, and Foreman CJ Biskner that the Westerly 1m of this strand is not acceptable, and that the corrective action needs to be that the strand must be pulled out and reformed prior to re-installing it.
- The strand was not pulled out, and was not reformed. During re-install, only one knife plate was used to control the top 11 wires, and then the strand was pushed back down to the bottom of the trough using a screw jack and blocking.
- After the strand was re-installed, the position of the red wire was 2nd from the bottom. Also, the strand height was 63mm. There were no visible crossed wires in the top 11 wires of the strand.
- I called Brian Boal, Roman, Warren to describe these events. They later came out to look at the finished product.
- This strand will be discussed in a management meeting tomorrow to determine if it is acceptable or not.

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Office work:

- I came back to the office early to write up a narrative of the bird-caged strand #3 at the Tower. I detailed the events in a report with photos, and emailed it to B. Boal, R. Granados, W. Collins, and A. Schmitt.

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

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                                     | FOR   | ANTHONY COSTA       | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Operator                                       | JNM   | HOWARD SCHROYER     | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | FOR   | CHRISTOPHER BISKNER | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | MATTHEW COCHRAN     | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | STANLEY DALIE       | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | APP   | ETHAN KENT          | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | RENE MULATO         | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Operator                                       | JNM   | JEFFREY SCOTT       | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | RICHARD CHOUINARD   | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | FOR   | OBRA PAULK          | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | APP   | JEFFERY STEWART     | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | KEVIN RATCLIFF      | 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                                     | APP   | JACOB MECHE         | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | AUGIE SOLIS         | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | FOR   | DAVID LUCERO        | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | JACK HUNTER         | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | JULIENT POULK       | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | APP   | MARIO MARQUEZ       | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Operator                                       | OTH   | NICOLAUS SHAFER     | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |

## Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Wright, Doug

Diary #: 213

Date: 17-Jan-2012

Tuesday

### Attachment



Strand #3 prior to 3' prelim adjustment - Red wire in correct position - Only 1 knife plate across top 11 wires



Strand #3 after adjust & prior to re-install - bird-caging \* twist extends into saddle trough



Strand #3 after re-install - Red wire now 2nd from bottom & strand height = 63mm