



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 6:06 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 078 Const Calendar Day: 604 Date: 05-May-2011 Thursday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 AM 05:30 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Soheilifard, Saman Approved Date: 17-May-11 Status: Approved

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

Tower Activities

From 07:00 until 07:45, I checked on the ventilation for the welding at Splice #2. All of the vent fans were on, , and air was flowing well through the weld areas.

Also, I did a walk by of the bolts at Splice #2, West shaft. I found one additional bolt that broke on Splice #2, West shaft, Skin E. The bolt had popped out of the hole, and was laying on the platform. I took the bolt back to Pier 7, and gave it to Mark Woods.

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Safety meeting: From 08:00 until 08:30, I attended the bi-weekly safety meeting. The topic was general construction safety.

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Team Tower meeting:

From 10:00 until 11:00, I attended the weekly Team Tower meeting. Attending were Mark MacDonald from ABF, and Mark Woods, Mazen Wahbeh, and myself from Caltrans. The following topics were discussed.

- Grillage drilling: We discussed what we expected after drilling was completed. We wanted all holes deburred. Also, the faying surfaces need to be power washed and solvent cleaned to remove and oil from the drilling operation.

- Splice #4 holes from ZPMC that do not align: There are a total of 19 holes that may need to be reamed because the hole in the splice plate does not line up with the hole in the Lift 4 skin. ABF asked to ream the skin holes to a 33mm diameter. Woods mentioned that he needed to talk with TY Lin, and we would need an RFI.

- Broken A490M bolts: We discussed possible options to try to determine the scope of the issue. We discussed pulling out several samples of bolts. One set would be from the areas in the West shaft where the bolts have been breaking. A second set would be from the West shaft, but from different areas and different lot numbers. The third set would be from a different shaft where workmanship was determined to be good. Upper management was going to have another meeting this afternoon to discuss what will be done.

- Ventilation at welding operations: We expressed concern that the ventilation was sometimes inadequate. The fans are adequate when all of them are working. However, the workers often turn them off or move them because they are a nuisance or in the way of other work. Mark MacDonald said that he would make sure the word got down to ensure proper ventilation is maintained.

## Daily Diary Report by Bid Item

**Job Name:** 04-0120F4

**Inspector Name:** Wright, Doug

**Diary #:** 078

**Date:** 05-May-2011 **Thursday**

- Repair needed at West shaft, Splice #2, C-D corner: We discussed how to repair the base metal that was over-ground. We agreed that welding the repair would not be desirable because this would bridge across the open splice. It was decided that the area should be ground to a smooth transition. -- Note: This area was addressed later in the afternoon (see below).

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Welding at Splice #2:

- Inside the East shaft, production welding continued on the B-C lower weld and the C-D upper weld.

- Inside the West shaft, the base metal on the C-D corner that was previously ground into was blended to make a smooth transition around the ground area. This was then accepted by both QC and QA.

**04-0120F4      Bid Item: 053      T-L01-SPD.053      Tower Lift 01 Shear Plates and Diaphragms**

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   | HUA QIANG HUANG   | 8.00   | 0.00   | 0.00   | 8.00  |         | <input type="checkbox"/> |
| Ironworker                                     | FOR   | JAMES ZHEN        | 8.00   | 0.00   | 0.00   | 8.00  |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | WAI KIT LAI       | 8.00   | 0.00   | 0.00   | 8.00  |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | XIAO JIAN WAN     | 8.00   | 0.00   | 0.00   | 8.00  |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | RICHARD GARCIA    | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | Morgan Winter     | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | APP   | TODD JACKSON      | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | ERIC SPARKS       | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |
| Ironworker                                     | JNM   | SALVADOR SANDOVAL | 8.00   | 2.00   | 0.00   | 10.00 |         | <input type="checkbox"/> |