



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 6:07 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 076 Const Calendar Day: 602 Date: 03-May-2011 Tuesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 AM 06:00 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 If no, explain:

Diary:

Dispute

Tower Activities

Bolting at Splice #3:

From 07:00 until 08:00, I witnessed torque verification testing inside the East shaft at Elevation 114m. The following connections were tested:

- The lower splice on longitudinal stiffeners A1, A2, A3, & A4
- The lower splice on longitudinal stiffener B1
- The lower splice on longitudinal stiffeners C1 & C2
- The lower splice on longitudinal stiffeners D2, D3, & D4
- The lower splice on longitudinal stiffeners E1 & E2

Note: stiffeners B2, C3, & D1 have not yet been tensioned at this time. They are leaving these splice plates off to give a little extra room for the welders to access the welding of the corner plates.

Welding at Splice #2:

- Inside the North shaft, welding was completed on the B-C corner plates.
- Inside the East shaft, production welding was started on the B-C upper weld and the C-D lower weld.

9m diaphragm welding:

Welding was started on the 9m external diaphragm welds. The 2 welds started were on plate 9m-center adjacent to shear plate a2N and a2S.

Grillage:

I started to check the Splice #4 holes in the top of Lift 4 that appear to not align properly with the skin splice plates. This was discussed at last week's Team Tower meeting. Some of the holes appear to not align, and may need to be reamed. Before agreeing to possibly reaming any holes, we wanted to know the total number that may need it. I physically inserted a bolt into all holes in the skins to check for misalignment. Below are the numbers of holes that are not aligned on each skin:

- North, Skin A: 1 hole
- North, Skin B: 0 holes
- North, Skin C: 0 holes
- North, Skin D: 2 holes
- North, Skin E: 1 hole
- South, Skin A: 1 hole
- South, Skin B: not yet checked

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Job Name: 04-0120F4

Inspector Name: Wright, Doug

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Date: 03-May-2011 **Tuesday**

- South, Skin C: not yet checked
- South, Skin D: not yet checked
- South, Skin E: 1 hole
- East, Skin A: 0 holes
- East, Skin B: 0 holes
- East, Skin C: 0 holes
- East, Skin D: 0 holes
- East, Skin E: not yet checked
- West, Skin A: 3 holes
- West, Skin B: 0 holes
- West, Skin C: 0 holes
- West, Skin D: 7 holes
- West, Skin E: 0 holes

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
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	FOR	HUA QIANG HUANG	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	JAMES ZHEN	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	WAI KIT LAI	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	XIAO JIAN WAN	8.00	2.00	0.00	10.00		<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"/>

