



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 11:16 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 479 Const Calendar Day: 243 Date: 02-Feb-2013 Saturday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 AM 04:00 PM Break: 00:30 Over Time: 08:00

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

Load Transfer Activities

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Installing the bearing shims under the East saddles
- Painting of suspender ropes & main Cable
- Other misc Cable work

Today I was inspecting James Beninghove's crew on East saddle shim installation & Tony Costa's crew on misc Cable work. See the diaries of S. Soheilifard for additional details of Cable field work.

- I arrived at the pier-7 office at 06:50, & I arrived on the bridge at 07:10.

East saddle shim installation on eastbound saddle:

The steps done today to install the bearing shims under the East saddle are listed below.

- The saddle was jacked vertically to be able to install the shims. The jack pressure was 6000 psi.
- The shims were installed. The shim thicknesses were 35mm for the easterly bearing, 33mm for the middle bearing, & 35mm for the westerly bearing.
- The saddle was jacked laterally by 7mm with the use of a 20 ton porta-power to align the bolt holes.
- The 22mm diameter bolts were installed. The length of bolts was 130mm for the easterly bearing, 140mm for the middle bearing, & 130mm for the westerly bearing.
- The load was released on the jacks. All of the shims were brought into firm contact.
- See attached photo of the shims at the westerly bearing under the eastbound East saddle.

East saddle shim installation on westbound saddle:

The steps done today to install the bearing shims under the East saddle are listed below.

- The saddle was jacked vertically to be able to install the shims. The jack pressure was 5500 psi.
- The shims were installed. The shim thicknesses were 28mm for the easterly bearing, 27mm for the middle bearing, & 31mm for the westerly bearing.
- The saddle was jacked laterally by 7mm with the use of a 20 ton porta-power to align the bolt holes.
- The 22mm diameter bolts were installed. The length of bolts was 140mm for the easterly bearing, 120mm for the middle bearing, & 130mm for the westerly bearing.
- The load was released on the jacks. All of the shims were brought into firm contact.

Other work:

- Tony's crew tensioned the Crosby clips on the inner messenger cable of the South main-span. After this,



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Job Name: 04-0120F4 **Inspector Name** Wright, Doug **Diary #:** 479 **Date:** 02-Feb-2013 **Saturday**

Tony's crew spent the rest of the day starting the removal of the upper catwalk anchorages on the North main-span.

- At 15:10, I left the bridge.
- From 15:30 until 16:00, I wrote my diary for the day, checked email, & sent my timesheet for the week.

04-0120F4 Bid Item: 067 C-SUS-SCC.067 Install Suspender Clamps, Separators, Collars

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	JNM	Jose ALFARO	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	THOMAS CERVANTES	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	ETHAN KENT	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	RENE ESQUIVEL	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	FOR	JAMES BENNINGHOVE	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	AUGIE SOLIS	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	RYAN EVANCHIK	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	Robert Larue	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	CASEY LUX	0.00	8.00	0.00	8.00		<input type="checkbox"/>
Ironworker	FOR	ANTHONY COSTA	0.00	8.00	0.00	8.00		<input type="checkbox"/>

Attachment



Shims installed on bearings under East saddle (eastbound bridge)