



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 6:05 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 091 Const Calendar Day: 616 Date: 17-May-2011 Tuesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 AM 06:00 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Soheilifard, Saman Approved Date: 26-Jun-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

Grillage:

After the grillage was rough set yesterday, its position was fine tuned with jacks this morning. After this, the mill-to-bear surface was checked. Overall, over 90% of the surfaces met the mill-to-bear criteria of being within 1mm. On a skin-by-skin check, 1 skin appeared to be marginal. Skin B on the South shaft has about 50%-60% of the surface within 1mm.

After this, drift pins were driven into both the lower and upper halves of each of the Splice #4 skin plates, and they started to change the wedges on the strand jacks.

Welding:

Welding was ongoing at Splice #1 and the 9m external diaphragms. See Saman Saheilifard's diary for details. The welders left at noon today due to bad weather.

Meeting:

I attended the QC-QA meeting from 10:00 until 11:00. Attending were J. Callaghan, K. Quillen, J. Bowers, and L. Cross of ABF, and P. Jefferson, P. Lowry, N. Choy, B. Levell, and myself from Caltrans. The following topics related to Tower were discussed:

- Incident report for shimming at Splice corner welds: this item is closed with the RFI that was submitted.
- Incident report for failure to maintain heat for 3 hours after welding: An internal ABF NCR will be written, and there have been no further instances of this issue. This item can be closed after ABF writes up the NCR.
- Incident report for the over-grind area on Splice #2, West shaft corner weld: Corrective action has been taken in the field with the area blended, but the issue will remain open until ABF addresses it with an NCR.
- ESW full height mock-up: ABF asked if the 6 macros that have been cut are sufficient. We confirmed that 6 macros are enough.
- Production ESW welding: ABF mentioned that they will start mobilizing the ESW equipment, and that production welding could start by this Friday or early next week.
- ESW paperwork: We reminded ABF that the ESW welding plan and the WQCP addendum for the PQRs



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and WPSs need to be submitted prior to starting production welding. We mentioned that we have already reviewed bootlegs copies, and it should be a quick turnaround for responding to the submittals.

After the meeting, I returned to the field to check on the status on the grillage work. I accompanied ABF Engineer Paul Fikse to check on the Splice #4 skin-to-skin offsets to determine where shims in the skins may be needed. This was determined earlier with an RFI submitted when the grillage was set for drilling, but we wanted to check again to see if it may have changed with the grillage set in a slightly different position this time. There were 2 locations where it changed. On Skin D of the West shaft, we earlier determined that a shim would be needed, but the skin-to-skin offset is now only 2mm, so a shim will not be needed. On Skin E of the North shaft, this was not identified earlier as needing a shim, but the offset is now 4mm, so a shim will be needed. They will take the shim originally intended for West-Skin D, and trim it to fit the North-Skin E plate.

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	JNM	RICHARD GARCIA	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	FOR	EARL CLAYBORN	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	JNM	Morgan Winter	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	JNM	MICHAEL JIMENEZ	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	FOR	HUA QIANG HUANG	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	FOR	JAMES ZHEN	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	JNM	WAI KIT LAI	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	JNM	XIAO JIAN WAN	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	APP	TODD JACKSON	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	JNM	ERIC SPARKS	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	JNM	SALVADOR SANDOVAL	5.00	0.00	0.00	5.00		<input type="checkbox"/>