

Job Stamp 04-0120F4 SFOBB SAS

Construction Calendar no.	600		
Project working days no.	810		
Date	08/04/2008		
Inspectors Hours	Start	6:30	Stop 15:00
Shift Hours	Start	6:30	Stop 15:00

Assistant Structure Rep.'s Daily Report

Location & Description of Operation	SAS-Temporary towers, Tower A & B Erection
Weather	HI: 76 F Low: 57 F Partly cloudy

Equipment and/or labor			Hours – ITEM no.						Remarks
Equip no.	# personnel	Description (of equipment or labor)	Regular	OT	DT	Rental		IDLE	
	C	RT 160 TEREX						8	ABF
	C	Liebherr LR 1300	8						ABF
006-18-4293	C	Ingresoll Compressor						8	ABF
481-93-6013	R	Gnie Boom lift						8	ABF
544D-10	R	Gradall Forklift						8	ABF
	1	Dale Thomas	8						Operator
	1	Doug Greene						8	Oilee
	1	Ed Meyer	8						Foreman
	1	Matt Chamberlain						8	Iron worker
	1	James Sturgeon						8	Iron worker
	1	Serina Lafleur	8						Iron worker
	1	David Lucero	8						Iron worker
	1	Jerry Kubala, Jr.	8						Iron worker

Description of Operation:

- Daily activity of contractors (ABF)
 - Removed guardrail attached to the tower B west line.
 - Installed wood platforms for field drilling (see Fig. 1). See 7/21/08 diary for the locations.
 - Provide an access for bolt inspection and surveying to CT.
 - Perform survey on final positions of the towers A and B (see Fig. 2).
 - See Art Pannu's diary for additional contractors' activities and comments.

- Note
 - Tony Sherwood from SE company and I inspected bolts pretensioned after the erection visually and using the calibrated torque wrench (see Figs 3 through 7). The torque measured exceeds 1450 lb.ft, which is equivalent to 84 kips for the calibrated wrench.
 - David Bradd and I carried out surveying on the final positions of the towers A and B west line. See David Bradd's diary for the detailed information. Surveying date is attached.
 - The third item of punch list is cleared, because Tony and I checked the capacity of the bolt using the calibrated torque wrench.

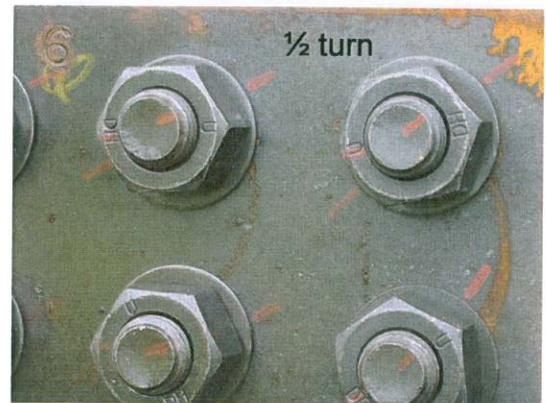
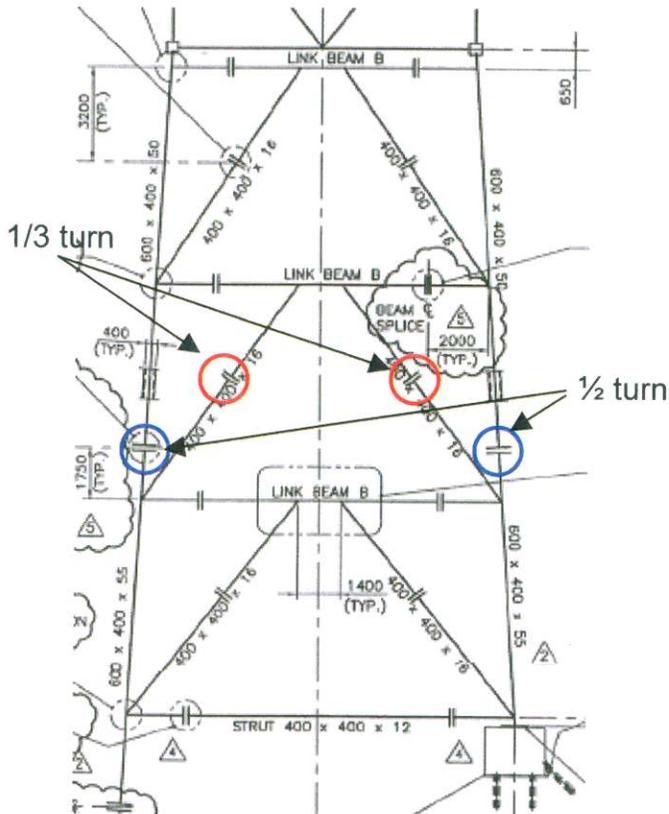
- Punch list
 - The right top bolt of the east side plate of the tower A west line should be turned more (see 07/22/08 diary for more information).
 - The bolts at the top and bottom of the diagonal bracing splices of the tower B west line are short (see Appendix #1 of 07/29/08 diary for more information)
 - ~~The bolt with a white mark at the west plate of the first splice zone (from the bottom) of tower B west line north column should be turned (see 07/30/08 diary for more information).~~



Fig 1. Installed a wood platform for field drilling



Fig 2. ABF conducted surveying on the final positions of the towers A and B west line



Figs 3 through 7. Tony and I checked the bolts pretensioned after the erection either visually or using calibrated torque wrench. Blue and red circles denote bolts which require 1/2 turn and 1/3 turn, respectively.

Inspector:

SeongHyeok Song

Trans Engineer (Civil) / Asst. Struct. Rep

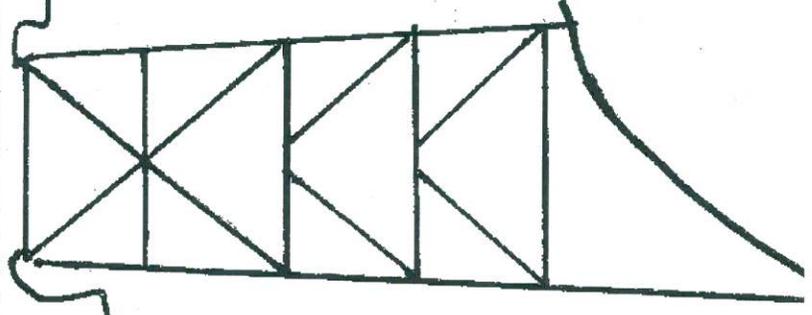
Final Location of Temporary Towers A and B 8-4-2008

Caltrans Point Number	Field Data			Design Data			Difference								
	ABF Field Data 8-4-2008			Caltrans Field Data 8-4-2008			ABF Delta			Caltrans Delta					
	Easting	Northing	Elevation	Easting	Northing	Elevation	Easting	Northing	Elevation	Easting	Northing	Elevation			
1	1836231.216	647523.382	42.142	1836231.203	647523.378	41.691	1836231.214	647523.405	41.700	-0.002	0.023	-0.442	0.011	0.027	0.009
3	1836236.913	647515.170	42.141	1836236.904	647515.160	41.687	1836236.930	647515.128	41.700	0.017	-0.042	-0.441	0.026	-0.032	0.013
10	1836241.095	647530.197	41.990	1836241.089	647530.190	41.999	1836241.105	647530.201	41.995	0.010	0.004	0.005	0.016	0.011	-0.004
11	1836246.817	647521.994	41.992	1836246.813	647521.988	42.003	1836246.787	647521.972	41.995	-0.030	-0.022	0.003	-0.026	-0.016	-0.008

ABF 15503
ABF 15507
CT 1
CT 10

ABF 15505
ABF 15508
CT 3
CT 11

Looking East
No Scale



Carri Brant