

Job Stamp
04-0120F4
SFOBB SAS

Const. Calendar Day No. 623
Project Work Day No. 833
Date 08/27/2008
Shift Hours Start 0:00 Stop 24:00
Inspector Shift 6:30 AM to 3:00 PM

ASSISTANT RESIDENT ENGINEER'S CONTRACTOR - ABFJV

e		HOURS - ITEM NO.										REMARKS		
EQUIPMENT AND/OR LABOR:		#38 Str. Concrete, Bridge	# 48 Bar Reinforcement Steel									IDLE OR DOWN	Name	Contractor
Equip. #	NO. MEN	DESCRIPTION (Of Equipment or Labor)												
1	1	Gen. Foreman										8	Terry Cronk	ABF to Pier E2
2	1	Pile Driver										8	Tony Crieghton	ABF
3	1	Pile Driver										12	George Mcneil	ABF
4	1	Laborer										8	Jose Molina	ABF
5	1	Laborer										8	Rickie Campos	ABF
6	1	Pile Driver J/M										8	Audre Hudson	ABF
7	1	Pile Driver/Welder										8	Henry Wheat	ABF
8	1	Elevator Operator										12	Howard Schroyer	ABF
9	1	Pile Driver										12	Nigel Lohse	ABF Foreman
10	1	Pile Driver										8	Paul Mason	ABF vacation
11	1	Pile Driver										8	Andy Adam	ABF
12	1	Pile Driver										12	Kurt Chaisson	ABF
13	1	Pile Driver										8	Jesse Johnasen	ABF
14	1	Crane Operator										8	Jeff Scott	ABF
15	1	Operator Apprentica/oiler										8	Scott Ross	ABF
16	1	Pile Driver										8	Abasi Delley	ABF
17	1	Pile Driver										8	Keny Reynolds	ABF
17	1	Labor										12	Doug Evans	ABF
		Iron workers										0	Tim Greenlee etc	ABF/RSC
	1	Manitower 4100 W											New crane	ABF
	1	1" Man Lift S-125												Hertz Rental
	1	Lincoln Vantage Welding M/C 768-50-4005										8		ABF
	1	Lincoln Vantage Welding M/C 768-50-4009										8		ABF
	1	Lincoln Vantage Welding M/C 768-30-4032										8		Hertz Rental
	1	Lincoln Vantage Welding M/C 768-30-4014										8		Hertz Rental, deck
	1	MQ Power Generator 220										24		ABF Main power
	1	MQ Whisper Watt 7000 549-07-5006												ABF deck
	1	MQ Whisper Watt 7000 549-20-4007												ABF

1	MQ Whisper Watt 7000 549-20-4044											8		ABF
1	Ingersoll Rand Air compressor 20-2183											8		ABF central
1	Ingersoll Rand Air Compressor 006-18-4293											8		ABF
1	Ingersoll Rand Air Compressor 185R											8		ABF Deck
1	Ingersoll Rand Air Compressor 006-18-4297											8		ABF
1	Ingersoll Rand Flood Lights 536-40-6831	12												ABF power
1	Genie 541-4000N Flood Lights 536-40-7044	12												ABF
1	Genie 541-4000N Flood Lights 536-40-4839	12												ABF power
1	Genie 541-4000N Flood Lights 536-40-4843	12												ABF power
1	Genie 541-4000N Flood	12												ABF power
1	Genie 541-4000N Flood	12												ABF power
1	Forklift Hertz Rental 544D-10											8		ABF
1	Pickup	8												ABF
1	Elevator	12												ABF

Weather: Sunny Morning, wind low to high, High 67 F Low 54 F.

Description of Operation:

Concrete Pour 3 followup

The contractor is watching the thermal control system round the clock. A group of 3 people stays from 6:30 AM to 6:30 PM and a group of 2 people stay from 6:30 PM to 6:30 AM.

The concrete temperature is coming down now at a rate of 1 degree per 3.5 hours approximately.

The concrete temperature was 49 degrees C at 7 AM this morning compared to 55 degrees C yesterday and is reducing.

The concrete apparently reached a temperature of 52 degrees C yesterday afternoon at 5 PM. The ave. daily air temp was 17 degrees C and the maximum Temp diff. Limit was 35 degrees C, thus the sum of 35.66 and 17.17 is more than the concrete temperature of 52 degrees C. The concrete cooling will continue for 3 more days from this point on.

ABF had chiller running continuously.

ABF had water running through the thermal control pipes at 530-540 gpm because of high temperature. This gives 20 gpm per cooling loop, for a total of 27 loops.

The chilled water was at 42 degrees F at inlet and 44 degrees at exit.

ABF continues installing vertical double channels at South Hinge K location. A total of 8 pairs were installed. Additionally 1 W14 vertical was installed in the center of these channels making it a total of 9 vertical members.

ABF has started to work on the walkway on the east face to prepare for the next pour.

Additional Work on/off site:

- (a) The Temporary Tower Foundation work is finished for Towers A and B. ABF is working on Temporary Tower A-west and B-west. The foundation work is progressing for Temporary Tower C.
- (b) There is no work at W3.

- (c) ABF is assembling the truss for west side for the Temporary Towers A and B and is working for foundations for Temporary Tower C.
- (d) Attended Concrete Meeting at 8 AM. The discussions included
- a. Material for testing at Berkeley Lab. MET's Venkatesh has told Gil that failed material can not be used for this testing.
 - b. SCC mix design submitted by ABF. John Beede is looking at this. The response will go out to ABF in a day or two.
 - c. Failed Couplers: RSC is looking at this. A RFI is being prepared.
 - d. Pour 3 concrete overheating: ABF is looking in to this. The various causes could be initial high temperature of concrete, extra mass of concrete more than shown on the Thermal Control Plan. (The pour 2 concrete was 1 meter below the original mark thus adding the extra mass for Pour-3 thermal cooling.
 - e. E2 SKWY bridge loading, vertical reinforcing, couplers and the bridge from SKWY to E2. There are 5 truckloads arriving at Pier E2 this morning.
 - f. No schedule was available. RSC is coming tomorrow.

Inspector:

Lalit Mathur  Trans Engineer (D)/Asst. Struct. Rep