

Job Stamp  
**04-0120F4**  
**SFOBB SAS**

Const. Calendar Day No. 518  
Project Work Day No. 728  
Date **05/14/2008**  
Shift Hours Start 01:00 Stop 24:00  
Inspector Shift 06:30 AM to 3:00 PM

**ASSISTANT RESIDENT ENGINEER'S CONTRACTOR - ABFJV**

EQUIPMENT AND/OR LABOR:		HOURS - ITEM NO.										REMARKS			
		#38 Str. Concrete, Bridge	# 48 Bar Reinforcement Steel											IDLE OR DOWN	Name
Equip. #	NO. MEN	DESCRIPTION (Of Equipment or Labor)													
1	1	Gen. Foreman	8											Terry Cronk	ABF
2	1	Pile Driver	8											Tony Crieghton	ABF night
3	1	Pile Driver	8											George Mcneil	ABF night
4	1	Laborer	8											Jose Molina	ABF
5	1	Laborer	8											Rickie Campos	ABF
6	1	Crane Operator	8											Dale Thomas	ABF
7	1	Pile Driver	5.5											Rodney Thompson	ABF late
8	1	Pile Driver J/M	8											Audre Hudson	ABF
9	1	Operator Apprentice/Forklift and Elevator	8											Douglas Greene	ABF night operator
10	1	Pile Driver/Welder	8											Harry Wheat	ABF
11	1	Elevator Operator	8											Howard Schroyer	ABF
12	1	Pile Driver	8											Nigel Lohse	ABF Foreman
13	1	Pile Driver									8			Terry Brown	ABF Gone for 2-3 months
14	1	Pile Driver	8											Darron Smalls	ABF
15	1	Pile Driver									8			Josh Menchaca	ABF off
16	1	Pile Driver	8											Tony Bragg	ABF
18	1	Pile Driver	8											Paul Mason	ABF to Pier 7
19	1	Pile Driver	8											Andy Adam	ABF
20	1	Pile Driver	8											Kurt Chaffion	ABF
21	1	Pile Driver	8											Jeffe Johnasen	ABF
22	1	Pile Driver Foreman									8			Leo Vego	ABF to Pier 7
23	1	Pile Driver									8			Henry Wheat	ABF to Pier 7
24	1	Pile Driver									8			Rickie Yembo	ABF to Pier 7
25	1	Pile Driver									8			Paul Eckstrom	ABF to Pier 7
25	1	Pile Driver	8											Ken Reynolds	ABF
26	1	Iron worker												Tim Greenlee	ABF/RSC
	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													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
1	MQ Power Generator 220	14											ABF Main power
1	MQ Whisper Watt 7000 549-07-5006								8				ABF
1	MQ Whisper Watt 7000 549-20-4007								8				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												ABF power
1	Genie 541-4000N Flood Lights 536-40-7044	6											ABF deck S-E
1	Genie 541-4000N Flood Lights 536-40-4839	6							8				ABF power
1	Genie 541-4000N Flood Lights 536-40-4843	6							8				ABF power
1	Genie 541-4000N Flood	6							8				ABF power
1	Genie 541-4000N Flood	6							8				ABF power
1	Balden Generator	7											ABF Cooling system
1	MQ Generator Standby								24				ABF power
1	Water Chilling System	7											ABF rental
1	Forklift Hertz Rental 544D-10	8											ABF
1	Pickup	2											ABF
1	Elevator	14											ABF

**Weather:** Sunny morning, wind medium to high, Hi 78 F Lo 62 F, some light in the morning.

**Description of Operation:**

ABF stopped the thermal control system as of 7 AM today.

The cooling water was running at 850 GPM. The total water pumped as of this morning was 10,354,450 gallons.

The concrete temperatures were noted as 32 C on south side, 38 C at the center of the middle wall and 34 C on the east side.

All walls are still covered with blankets including all rebars projecting above the walls.

ABF continues to work on the Hinge K assembly and on correcting its elevations.

ABF surveyors gave the elevations for Hinge K Assembly.

ABF started working on the 2<sup>nd</sup> and 3<sup>rd</sup> Hinge K Assemblies.

The following were in place for the Thermal Control of the Concrete:

- All 3 Water Pumps are operating.
- There are three switch panels and one control panel.
- 6 " diameter steel piping for supply and return.
- Manifolds for each of the four walls for distributing water to various cooling pipe sets..
- Connecting the Blue and Red color 1inch diameter hoses to the manifolds and to the cooling pipes in the walls.

- A water Chiller with its own compressor, power generator etc. all installed on a flat bed trailer, was set under the north side of the W2 Cap False Work, just east of the Storage Tank. Connections were made from the tank to the supply pump to the chiller and return to the tank.
- Vertical steel pipes for the supply and return.
- 4 sets of Manifolds at the top.
- PVC supply & return pipes in each wall at approximately 2' o/c.
- Two Generators to supply power to the Pumps. One generator will supply the power and the other is one on the standby.
- ABF has tied and secured all the piping and installed thrust blocks, lateral ties and supports.

In addition to two generators as part of the cooling system, ABF has three Generators on the Standby for pumps 1, 2 and 3 and a 4<sup>th</sup> one for the Chiller.

As of today following vertical rebars were cut as per field visit by TY Lin's Alex to facilitate the erection of longitudinal and transverse ducts through the south cages:

N-E Cage	19 rebars
N-W	20 rebara
S-E	8 rebars.

Additional rebars may be cut as the duct installation progresses.

The transverse ducts are being installed inside the north cages of the south pier. As of today following ducts were being installed:

26	West of cages
14,27,15,28 & 29	Inside south-west cage
20 & 31	Along the center, in between the cages
32,33,34, 16 & 35	Inside north-east cage

Also 4 longitudinal ducts are being installed from the blockouts on the west wall through the two north cages' rebars. These ducts are basically horizontal with a minor slope east to west and north to south.

ABF started to strip the forms and the bulkheads. There minor honey combs noticed on the west wall.

**Additional Work on/off site:**

- The Temporary Tower Foundation work continues.
- CC Myers continues to work for the W3 and Temporary Foundations in the vicinity.
- Attended 8 AM Team Concrete meeting. Jim did not have a formal Agenda. The items discussed were cutting of vertical rebars in the South Pier Cages, periodic survey information & for the duct layout, good concrete break results for 1 day and 3 days. The cooling system was stopped as of 7 AM this morning. The ABF will not work on Memorial Day Weekend.
- Starting today, the contractor will work eight hour shifts and no night shift.

**Inspector:**

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