

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

Const. Calendar Day No. 617  
Project Work Day No. 827  
Date **08/21/2008**  
Shift Hours Start 1.00 Stop 24:00  
Inspector Shift 1:00 AM to 1:30 PM

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

HOURS - ITEM NO.													
EQUIPMENT AND/OR LABOR:			#38 Str. Concrete, Bridge	# 48 Bar Reinforcement Steel							IDLE OR DOWN	REMARKS	
Equip. #	NO. MEN	DESCRIPTION (Of Equipment or Labor)										Name	Contractor
1	1	Gen. Foreman	16									Terry Cronk	ABF
2	1	Pile Driver	5.5									Tony Crieghton	ABF shift from 6:30 PM
3	1	Pile Driver	5.5									George Mcneil	ABF shift from 6:30 PM
4	1	Laborer	13									Jose Molina	ABF
5	1	Laborer										Rickle Campos	ABF
6	1	Pile Driver J/M	9									Audre Hudson	ABF
7	1	Pile Driver/Welder								8		Henry Wheat	ABF Pier 7
8	1	Elevator Operator	13									Howard Schroyer	ABF
9	1	Pile Driver	18									Nigel Lohse	ABF Foreman
10	1	Pile Driver								8		Paul Mason	ABF vacation
11	1	Pile Driver	9									Andy Adam	ABF
12	1	Pile Driver	13									Kurt Chassion	ABF
13	1	Pile Driver	12									Jesse Johnasen	ABF
14	1	Crane Operator	9									Jeff Scott	ABF
15	1	Operator Apprentice/oiler	14									Scott Ross	ABF
16	1	Pile Driver	12									Abasi Delley	ABF
17	1	Pile Driver	12									Keny Reynolds	ABF
17	1	Labor	13									Doug Evans	ABF
		Iron workers	0									Tim Greenlee etc	ABF/RSC
	1	Manitower 4100 W										New crane	ABF
	1	1 <sup>st</sup> 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											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

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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	13											ABF

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

**Description of Operation:**

Concrete Pour 3

The concrete pour was scheduled for 2 AM and the first truck came in at 2:15 AM. The pour lasted till 11 AM and the finishing operation continued up to 1 PM. Thermal blankets were installed after broom finishing. The concrete surface was mist sprayed before covering.

The concrete's top 12 inches were re-vibrated as required per the mass concrete specifications.

Thermal couples were installed in the south-west void area slab.

The concrete crew had at 2 pumps ready, one on east side and one on west side.

ABF had chiller running continuously since yesterday.

ABF had water running through the thermal control pipes at 480 gpm just before the pour started.

The chilled water was at 40 degrees F.

Two crews were working for concrete placement.

A total of 582 M<sup>3</sup> was delivered. Two truck loads of 6.88 M<sup>3</sup> for a total of 13.76M<sup>3</sup> were returned for being high lump and low slump. About 2 M<sup>3</sup> of concrete was not used from the last truck.

Total gross concrete delivered = 577.82 m<sup>3</sup>

Returned concrete = -13.76 m<sup>3</sup>

Unused concrete = -2.00 m<sup>3</sup>

Loss on 82 trucks @ 1 m<sup>3</sup> = -8.2 m<sup>3</sup>

Loss in 2 pumps @ 0.2 m<sup>3</sup> = -0.2 m<sup>3</sup>

Net concrete used = 553.66 m<sup>3</sup>

Payable = 554 m<sup>3</sup>

Most concrete had an average slump of 5.5". The lowest slump was 3.5" placed and the highest slump placed was 7". About 4-5 gallons of Water was added to a few trucks with low slump of 3" and mixed before pumping. Similarly for 2

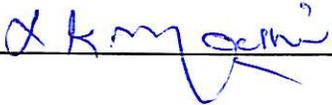
trucks with high slump of 7.5", it was allowed to continue revolve the drum and the slump was reduced to 6" in about 20 minutes before it was poured.

Total Estimated concrete quantity = 580 m<sup>3</sup>  
Total used concrete = 554 m<sup>3</sup>

**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) Attended Concrete Meeting at 8 AM.
- (d) Attended Pre-pour staff meeting cum Safety Meeting at 9AM.

**Inspector:**

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