

Job Stamp
04-0120F4
SFOBB SAS

Const. Calendar Day No. 776
Project Work Day No. 986
Date **01/27/2009**
Shift Hours Start 7:00 Stop 3:30 PM
Inspector Shift 7:00 AM to 3:30 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
1	1	Gen. Foreman										Terry Cronk	ABF E2
2	1	Pile Driver	8									Tony Crieghton	ABF
3	1	Pile Driver	8									George Mcneil	ABF
4	1	Laborer	8									Jose Molina	ABF
5	1	Laborer	8									Rigiberto 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	8									Howard Schroyer	ABF
9	1	Pile Driver Foreman	8									Nigel Lohse	ABF
10	1	Pile Driver	8									Aaron Gilpatrick	ABF
11	1	Pile Driver	8									Andrew Adams	ABF
12	1	Pile Driver	8									Kurt Chaisson	ABF
13	1	Pile Driver	8									Jesse Johnasen	ABF
14	1	Crane Operator	8									Dale Thomas	ABF
15	1	Operator Apprentice/oiler	8									Ross Scott	ABF
16	1	Pile Driver	8									Abasi Delley	ABF
17	1	Pile Driver	8									Kenneth Reynolds	ABF
17	1	Pile Driver/Labor	8									Jamal Whitney	ABF
17	1	Pile Driver/Labor	8									Ed Mendoza	ABF
18	1	Labor	8									Joseph Ruiz	ABF
	1	1 st Man Lift S-125											Hertz Rental
	1	Lincoln Vantage Welding M/C 768-50-4005	8										ABF top
	1	Lincoln Vantage Welding M/C 768-50-4009								8			ABF
	1	Lincoln Vantage Welding M/C 768-30-4032								8			ABF, top
	1	Lincoln Vantage Welding M/C 768-30-4014											ABF, top
	1	MQ Power Generator 220	8										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									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												ABF
1	Genie 541-4000N Flood Lights 536-40-4839												ABF
1	Genie 541-4000N Flood Lights 536-40-4843												ABF
1	Genie 541-4000N Flood												ABF
1	Genie 541-4000N Flood												ABF deck power
1	Forklift Hertz Rental 544D-10	8											ABF
1	Pickup	8											ABF
1	Elevator	8											ABF

Weather: Nice and sunny morning, High 63F Low 45F.

Description of Operation:

With most of the work complete on south side Pour 6, RSC is working installation of rebars on the north side of W2.

The work is also complete for installation of cooling pipes.

ABF is connecting these to inlet and outlet manifolds.

ABF is working on fabrication of various block outs for #76 rods for the Deviation Saddle support rods.

ABF is working on Blockouts for Finger Joint location for W-Line Hinge K.

ABF is working on Blockouts around Vertical Tie Downs.

Additional Work at or outside of the W2 Site:

- CC Myers continues excavating foundation for support columns for removing part of old bridge. They are installing 2nd layer of rock bolts on the sides of the proposed excavation.
- ABF continues to erect Truss from Temporary Tower B to C along E-Line. Went to E2 site for the Mockup of Patch Repair scheduled for 1 PM. The Mockup was rescheduled for 2:30 PM. Gil left for another meeting. Looked at the progress of the coring for the blocked duct. Myself and Masoud measured it be 16'6". The total blocked length is approximately 50 ft.
- Attended Concrete Pre-pour meeting with ABF's Jim Davidson at 8 AM.
 - The Pour 6 is scheduled for Jan 30 starting at 10 PM.
 - It is 791 M³.
 - 70 M³ per hour and may double it.
 - Mix number is 161145, slump 4 inches. There will be another mix for pouring concrete under the forms.
 - Jim gave locations of trucks on a chart.
 - Jim gave the Thermal cooling from Table 2.
 - Finishing and re-vibrating per specifications.
 - There will be 4 washouts. Only the trucks chutes will be washed. No dumping of concrete.
 - Pamela had sent Jim Davidson the final punch list.

- The cooling water will run after the concrete pour.
- The pipelines will be pre tested.
- There will be no Lane closure.
- There will be one guy for this.
- ABF will make 1 day tests and inform CT.
- Higher slump trucks will be marked differently.
- The weather seems to be reasonable for that day. The concrete heating will hopefully will not be a issue.
- The meeting continued to include E2 crack repairs.
 - ABF gave ARDEX CD and ARDEX TWP products for repairs.
 - Ken mentioned that TWP may not be a good product as it will create extra work for ABF.
 - A 2nd meeting was set for 10:30 AM.
- We had our internal staff meeting around 9 AM for the Pre-pour.
 - David Chung, Victor and Art will make samples.
 - Matt and Pamela will be on top.
 - Masoud, Art and Saman will be on Pumps.
 - Lalit will coordinate tickets.
 - Gil mentioned that we will need 4 sets of samples.
 - 3 sets of 56 days and 1 full set.
 - We need Slump Cone, Kelley Ball, Wheel Borrow, Temperature gauges etc.
 - Matt has two Temperature Guns.
 - Saman may go to Plant if required.
 - Ron will come in the morning.

Lalit Mathur, P.E.



Trans Engineer (D)/Asst. Struct. Rep

W2 POUR 6A CALTRANS PRE-POUR MEETING AGENDA
 JANUARY 27, 2009 8:00 AM

Pour Date: Friday January 30, 2009
 Volume: 791 cubic meters ✓
 First truck: 10:00 PM ✓
 Rate/Spacing: 70 cubic meters per hour (6 min) ✓
 Mix #: 161145 Conventional Concrete – Slump 4" – Approx. 200 yds/hr ✓
 Cemex Order No. 36706

→ conventional w/ higher slump.

- Mix design / Slump / Delivery rate ✓
- Truck access and pump staging ✓
- Testing area *R2 Test @ Amador Plant.*
- Washout location *4 Bin - sweeping in chute only.*
- Finishing – re-vibrate ✓ *Same as Pour 3
Pour at 2, 3, 4*
- Access *NO ISSUE.*
- Thermal control ✓ → *Pressure tested earlier*
 - *no lane closure.*
 - *Roberto*
 - *Engage Lighttip*
 - *safety*
 - *one day break by ADF.*
 - *Pressure Test*
 - *Higher slumps truck will be marked differently.*

chilled generator operational by Thursday.

Table 2 - Predicted Temperatures* and Times* for the Revised Pour 6 Configuration with R-2 Surface Insulation and 1 Layer of Cooling Pipes at 700 mm OC**

Modeled Temperatures, °F		Predicted Maximum Concrete Temperature, °F	Predicted Time of Max. Concrete Temperature, days	Predicted Maximum Temperature Difference†, °F	Predicted Time of Max. Temp. Difference, days	Estimated Time of Thermal Control††, days	Placement Restrictions†††
Average Air	Initial Concrete***						
30	50	116	3.0	26	1.6	10	None
	60	127	2.3	21	1.1	10	None
	70	138	1.9	24	11.9	15	None
	80	150	1.6	25	11.5	15	Max Temp
	90	163	1.3	26	11.3	15	Max Temp
40	50	119	2.9	22	1.6	9	None
	60	129	2.3	18	2.1	9	None
	70	140	1.9	20	1.9	9	None
	80	152	1.6	22	11.0	15	Max Temp
	90	164	1.3	24	10.8	14	Max Temp
50	50	122	2.9	19	1.6	8	None
	60	131	2.3	17	1.9	8	None
	70	141	1.9	18	1.8	8	None
	80	153	1.6	19	1.6	9	Max Temp
	90	165	1.4	21	1.4	9	Max Temp
60	50	127	2.9	19	1.5	7	None
	60	135	2.3	17	1.8	7	None
	70	144	1.9	17	1.7	8	None
	80	155	1.6	18	1.5	8	Max Temp
	90	167	1.4	20	1.4	9	Max Temp
70	50	131	2.9	20	1.5	6	None
	60	138	2.4	16	1.6	6	None
	70	148	2.0	17	1.6	7	None
	80	158	1.7	17	1.5	7	Max Temp
	90	168	1.4	19	1.4	8	Max Temp
80	50	134	2.9	18	1.5	6	None
	60	140	2.4	15	1.5	6	None
	70	149	2.0	15	1.5	6	Max Temp
	80	159	1.7	16	1.4	7	Max Temp
	90	170	1.5	17	1.3	7	Max Temp
90	50	136	3.0	17	1.5	6	None
	60	143	2.1	14	1.5	6	None
	70	151	2.1	14	1.4	6	Max Temp
	80	161	1.7	14	1.4	6	Max Temp
	90	171	1.5	15	1.3	6	Max Temp

* Results for placement conditions that fall between the modeled temperatures can be estimated by linear interpolation.

** The cooling pipe layout is shown on Drawing No. 1

*** This is the concrete temperature as it is placed (pumped) into the formwork.

† This is the maximum predicted temperature difference between temperature sensors shown on Drawing No. 2

†† This is the estimated time until the hottest portion of the concrete has cooled to within the current temperature difference limit of the average air temperature. This estimate is for planning purposes only. Insulation should be removed based on measured data, not this estimate.

††† This column will indicate either "None", "Max Temp", "Temp Diff", or "Both". "None" means that excessive concrete temperatures (greater than 149°F) or temperature differences (greater than the current temperature difference limit) are not predicted for this combination of placement conditions. Do not place concrete at temperature conditions where either "Max Temp", "Temp Diff", or "Both" appears.

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Change Table Font Size Increase Decrease

Forecast For Lat/Lon: 37.8210/-122.3940 (Elev. 0 ft)

Custom Weather Forecast Table

	Mon Jan 26	Tue Jan 27	Wed Jan 28	Thu Jan 29	Fri Jan 30	Sat Jan 31	Sun Feb 01
Weather							
Daily-Temp	High 55 Low 45	High 54 Low 44	High 61 Low 46	High 62 Low 49	High 64 Low 49	High 58 Low 50	High 59 Low 51
Chance of Precip	10% 10% 0% 0%	0% 0% 0% 0%	0% 0% 0% 0%	0% 0% 0% 0%	0% 0% 0% 0%	5% 5% 0% 0%	5% 5% 5% 5%
Precip	0.00" 0.00" 0.00" 0.00"	0.00" 0.00" 0.00" 0.00"	0.00" 0.00" 0.00" 0.00"	0.00" 0.00" 0.00" 0.00"	0.00" 0.00" 0.00" 0.00"	0.00" 0.00" 0.00" 0.00"	0.00" 0.00" 0.00" 0.00"
12-hr Snow Total	0" 0"	0" 0"	0" 0"	0" 0"	0" 0"	0" 0"	0" 0"
Sig Wave Height	0' 0'	0' 0'	0' 0'	0' 0'	0' 0'	0' 0'	0' 0'
6-Hour Temp	5am-11am 5pm-11pm						
Cloudiness	30% 27% 1% 1%	5% 5% 7% 7%	10% 10% 10% 10%	10% 10% 10% 10%	10% 10% 10% 10%	10% 10% 20% 20%	20% 20% 20% 20%
Dewpoint	40 32 39 37	36 27 36 37	40 37 46 43	42 38 46 42	41 40 50 46	44 40 47 46	46 41 46 44
Relative Humidity	80% 52% 55% 65%	68% 44% 50% 63%	74% 58% 59% 66%	69% 56% 58% 64%	68% 58% 62% 68%	73% 61% 66% 73%	77% 60% 64% 72%
Wind	NW-NW-NW-N	N-N-N-W-S	SE-W-NW-NW	E-NE-NE-NE	N-N-W-SW	W-NW-W-NE	SE-E-NE-NE
	7 6 14 8	7 3 4 2	4 4 6 3	2 5 6 4	5 5 6 3	4 4 9 3	2 3 4 4

Custom Weather Table Interface

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Hourly Tabular Forecast

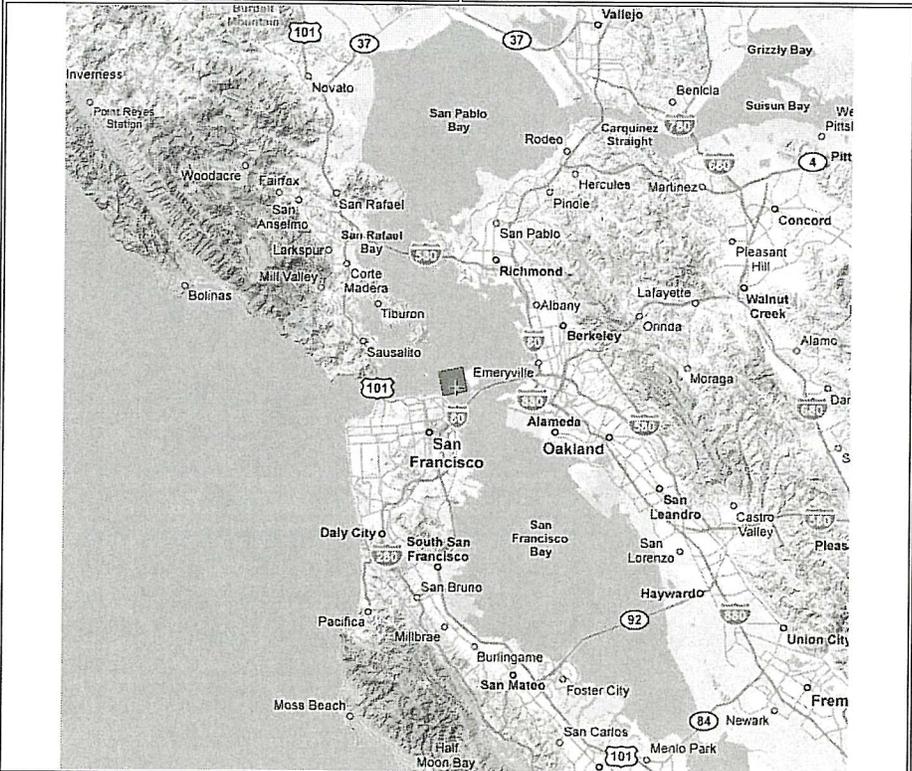
Hourly Weather Graph

Interval in Hours: 1 3 6

Duration in Days: 1 2 3 4 5 6 7

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