

Job Stamp:
04-SF-80-13.2/13.9 04-0120F4
SFOBB SAS
San Francisco Co. in San Francisco
Fm 0.6 km to 1.3 km East of Yerba Buena
Tunnel East Portal

Report No. 7-day const. cal.: 672
Project work day: 882

Date the Shift Began: 10/15/08

NIGHTWORK WEDNESDAY

Shift Hrs Start 7:00 Stop 15:30
Engineer's Hrs Start 7:00 Stop 15:30

46.B

ASSISTANT RESIDENT ENGINEER'S DAILY

BRIDGE

REPORT

Location: W2 Cap Beam	Weather: clear/warm
Remark: Ironwork	Hi 78F/Lo 50F

Description of Operation:
ABF - continue placing donuts in locations of continuity tendons on east wall, north of longitudinal diaphragm
 - continue setting cooling pipes
 - worked on formwork for mockup of E2 concrete placement (see remarks below)
RPS - continue to place ironwork
 - continue to place ducts for transverse tendons.

		HOURS - ITEM NO.						CONTRACTORS		
ITEM NO. >>		34	48					Prime	American Bridge / Fluor JV (P)	
								Sub #1	Regional (1)	
								Sub #2	(2)	
								Sub #3	(3)	
								Sub #4	(4)	
								Sub #5	(5)	
EQUIPMENT AND/OR LABOR:		IDLE OR DOWN/ ELSEWHERE						REMARKS		
EQPT. NO.	NO. MEN	DESCRIPTION (Of Equipment or Labor)	RT	RT				Name	Classification	Prime / Sub
	1	Foreman	2.00	6.00				Tim Greenlee	Ironworker	1
	1	Apprentice	2.00	6.00				Victor Quiroz	Ironworker	1
	1	Journeyman	2.00	6.00				Luis Ortiz	Ironworker	1
	1	Apprentice	2.00	6.00				Juan P.G. Ortiz	Ironworker	1
	1	Apprentice	2.00	6.00				Miguel Nunez	Ironworker	1
	1	Journeyman	2.00	6.00				Lee Wachtler	Ironworker	1
	1	Apprentice	2.00	6.00				Gonzalo Aguirre	Ironworker	1
	1	Apprentice	2.00	6.00				Gabino Marquez	Ironworker	1
	1	Journeyman	2.00	6.00				Salvador Roman	Ironworker	1
	1	Apprentice	2.00	6.00				Fermin Quiroz	Ironworker	1
	1	Apprentice	2.00	6.00				Jose Pilayo	Ironworker	1

For ABF equipment/personnel hours, please see Lalit Mathur's diaries.

The hours worked are assumed between the two items of prestressing and ironwork. The workers were back and forth between the two items. Tim Greenlee also worked one hour on the mockup for E2 at the concrete pad at the foot of the falsework.

Weekly Meeting with ABF this morning:

Though rumor in the field is that the concrete pour for E2 will be set back to the 5th of December, Jim Davidson (ABF project manager) did not mention this.

Jim mentioned that the mockup for the E2 concrete to see the stay-form will be this Friday at W2 at the foot of the falsework on the west side (DSC02571).

Placing concrete for E2 with the 2% cross fall will prove to be a difficult task given the 'one-pour' attempt. With the self-consolidating concrete, the concrete will not be able to stay in place with the specified cross fall. The cross beam overall drop from one end to the other is 1.2 m. ABF brought up the possibility of placing conventional concrete on the top. This would also be difficult to manage. Conventional concrete would not stay on the top. My sources say that conventional concrete is more dense and would sink toward the bottom while the SCC will rise, rendering the whole conventional concrete idea pointless.

If ABF decides to place a cap on the top of the forms, essentially forming a closed box, they will need to pump concrete from the lower end.

Pumping from the lower end will prevent any air pockets from forming inside. Also, as the concrete flows, the water will be displaced upward instead of being trapped in the form. This would however be very difficult. As previously stated, the overall different in elevation is 1.2 meters. ABF will have to pump concrete against 1.2 meters of hydrostatic pressure.

John (Ken) Beede mentioned in the meeting that there can be a reaction with the galvanizing on metal stay-forms once placed in concrete.

Jim mentioned that the footbridge to E2 from the skyway will be set next week. They were working on the project "as we speak."

In the field, RPS chose to move ahead with the #25 longitudinal bars with the 180 degree hooks on both ends. According to Ron (CT), T.Y.Lin has approved the RFI (1535). RPS, so far, as proceeded with 'Option A'. They are removing one of the 180 hooks and replacing them with T-heads. I mentioned to Victor (RPS) at 1053 that the #19 bars at the fillet on the west face, south of the longitudinal diaphragm needed to be adjusted. They did not have the proper clearance, nor did they have the proper alignment with the angle of the fillet. Victor told me he was "in charge" up above since Tim (Foreman) was down on the ground.

REC'D 08 NOV 04 1001521

TOLL PROGRAM/DIST. 4 CONSTR.

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above since Tim (Foreman) was down on the ground.

RPS worked on the transverse tendons east of the column cages in the southwest void area. They were placing the ducts end to end and have not set them (grade). They did not work within the column cage area (DSC02572). RPS also worked on skin reinforcement in the west wall.



Materials:

1 HROT - ESTIMATE CHECK TC

Insp. Hrs.	
REG: 8.0	INTERMITTENT
OT: 1.0	INSPECTION

David Chung
David Chung

TE/CT
Title