

TOLL PROGRAM/DIST. 4 CONSTR.

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.: 642  
Project work day: 852  
Date the Shift Began: 9/15/08  
 NIGHTWORK MONDAY  
Shift Hrs Start 6:30 Stop 15:00  
Engineer's Hrs Start 6:45 Stop 15:15

ASSISTANT RESIDENT ENGINEER'S DAILY

BRIDGE

REPORT

Location: E2 Cross Beam	Weather: clear
Remark: ironwork/PT ducts	Hi 67F/Lo 57F

Description of Operation:  
ABF - continue placing ducts for vertical PT rods  
- continue support system for PT rods at E2W  
RPS - continue placing #57 transverse reinforcement (2nd layer)

EQUIPMENT AND/OR LABOR:			HOURS - ITEM NO.						CONTRACTORS			
			38	48	133				Prime	REMARKS		
EQPT. NO.	NO. MEN	DESCRIPTION (Of Equipment or Labor)	Structural Concrete, Bridge	Bar Reinforcing Steel (Bridge)	Construction Surveying				IDLE OR DOWN/ ELSEWHERE	Name	Classification	Prime / Sub
			RT	RT	RT				< RT/OT			
	1	Foreman	8.00							Karl Nisley	Pilebutt	P
	1	General Foreman	8.00							Terry Cronk	Pilebutt	P
	1	Journeyman	8.00							Jason Matlock	Pilebutt	P
	1	Journeyman	8.00							Leo Vega	Pilebutt	P
	1	Foreman	8.00							Ben Neal	Pilebutt	P
	1	Journeyman	8.00							Luke Paulk	Pilebutt	P
	1	Apprentice	8.00							Garrieth Nelson	Pilebutt	P
	1		8.00							Byron Contreran	Laborer	P
	1	Journeyman	8.00							Kevin Fitzgerald	Operator	P
	1	Apprentice	8.00							Kevin Alger	Oiler	P
	1	Apprentice			8.00					Chris Roberts	Surveyor	P
	1	Journeyman			8.00					Terry Dennis	Surveyor	P
	1	Ringer Barge #1	3.00					5.00		Manitowac Crane		P
	1	Ringer Barge #2	7.00					1.00		Manitowac Crane		P
002062	1	Lincoln Electric	7.00					1.00		Vantage 500	6008088	P
002083	1	Lincoln Electric						8.00		Vantage 500	6008091	P
002068	1	MQ Power Generator	7.00					1.00		Whisperwatt 25	6007939	P
002069	1	MQ Power Generator	7.00					1.00		Whisperwatt 25		P
	1	Honda 115 Horse Skiff						8.00				P
002075	1	Ingersoll Rand P185R						8.00				P
	1	Flex Anchor						8.00		Equipment Barge		P
	1	Journeyman		8.00						Francisco Jose Cervantes	Ironworker	1
	1	Journeyman		8.00						Roberto Berber	Ironworker	1
	1	Journeyman		8.00						Jose Pilayo	Ironworker	1
	1	Foreman		8.00						Luis Ortiz	Ironworker	1
	1	Foreman		8.00						Bob Bognaes	Ironworker	1

There was a minor problem with the reinforcement plans. According to detail A and Section B-B on sheet 518 of the contract drawings, "4#19 @ equal spaces each way per bolt" are required. This was altered a little with RFI 967, shown with ISD model. The situation is these #19 bars will not fit in the space available. The lateral space is not available for 4@19 (DSC02380). One issue is that there will not be enough space between bars (roughly 1.5 times diameter of the bar). Even if four bars were running in both directions, there would be concern for the concrete being able to flow to the bottom of this mat - despite being Self-Consolidating-Concrete as ABF plans to use. In the ISD model, four bars in one of the directions will need to be split up into two layers and the other 4 would need to be in one layer. This model still would not work. It has been tentatively determined that the ISD model will work if two bars were eliminated from the middle layer (layer of 4 - "arranged per plan") until T.Y.Lin states otherwise. Lastly, the grout tubes may be affected by the arrangement of the ironwork. They may be crushed. These bars are for cracking due to stressing of the vertical PT rods to distribute the load. These are not for thermal cracks. If they were for thermal cracks, these #19 bars would be distributed all along the bottom face of the cross beam. It was suggested by ABF that these bars can be placed below the outer stirrups because of the nature of the blister. These will be poured thicker

REC'D 08 OCT 07 #006996

DC

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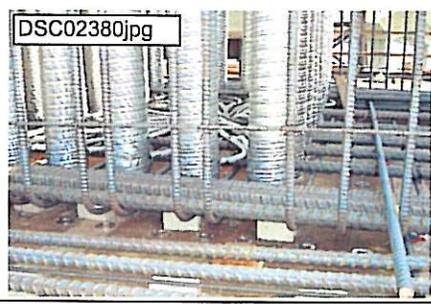
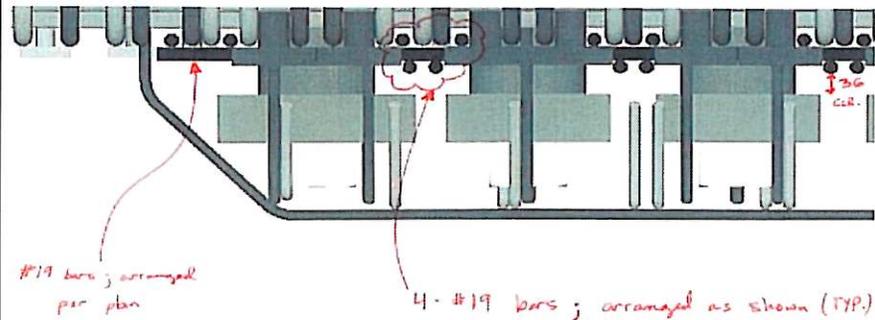
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**ASSISTANT RESIDENT ENGINEER'S DAILY BRIDGE REPORT**

Location: E2 Cross Beam Weather: clear

It was suggested by ABF that these bars can be placed below the outer stirrups because of the nature of the blister. These will be poured thicker and would therefore negate the concern for the clearance. However, this cross beam may be in place a long time before the blister is actually poured back (years).

RPS continued placing #57 bars: they have completed the bottom layer last friday (DSC02375) and started the second layer (DSC02381). The #43s on the outside of the flared width at E2E and E2W have been placed (DSC02375/DSC02380/DSC02381). They are awaiting the final decision on how to place the #19 bars. Their detailer did not give them instruction on how to place these bars. They do not have the contract drawings. ABF continues to place PT ducts and grout tubes at the shear keys/bearings (DSC02376). I informed Terry Cronk (Foreman) that T.Y.Lin did not like the idea of moving the hoops of the columns and that he would need to submit an RFI. He told me, 'one of your friends said that I had 1.5 inches of play.' I assumed that he was speaking of Masoud or Saman but they said they never said this. I found out ABF starts 10 hr shifts today - but not Regional.



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

*[Signature]*  
 DAVID CHUNG

TE/CT  
 Title