

STATE OF CALIFORNIA	Job Stamp	7-day Const. Calendar	Day No. 651
DEPARTMENT OF TRANSPORTATION	SFOBB SAS	Project Work Day No.	Day No. 861
Form HC-10A (Rev. 6/80)	04-0120F4	Date	9/24/2008

Weather: Partly cloudy and cool

Inspectors Hours	Start	0630	Stop	1700
Shift Hours	Start	0630	Stop	1630

ASSISTANT STRUCTURE REP.
JASON WILCOX

CONTRACTOR – ABFJV

		HOURS - ITEM NO.											
EQUIPMENT AND/OR LABOR:		REGULAR	OVERTIME								IDLE OR DOWN	REMARKS	
Equip. #	NO. MEN											DESCRIPTION (Of Equipment or Labor)	Name

REC'D - 08 NOV 19 #007700

Description of Operation:

At the end of the day yesterday it was agreed that Traylor Dutra (TD) was going to begin grouting first thing in the morning today. Gina Rizzardo and I were on site at 7:15 AM to observe the grouting operation of the annular space between the piles and the pile sleeves of the Tower D driving frames. Before the mixing began I asked the foreman, Randall Lesley, whether this first mix included the 3/8" gravel called for by the designer and he said it did not. That there was some left over grout mix in the silo from grouting the B1 beams, and it did not have the gravel in it. I let him know that the plans called for the gravel, and he said that since this is only a plug pour, and getting the remaining grout out of the silo was difficult to impossible, they were going to just mix the remaining and place it as the plug. They intended the plug to be between 1' and 2' thick. After talking with Randall, I called Bill O'Sullivan to inform him of the grout TD was using and that it was void of the gravel. He said that the reason the gravel was needed was because the heat of hydration could cause cracks during curing, and since these plugs are just 1' to 2' thick, the risk of hydration cracking was minimal. I informed him that either a revised plan sheet was needed, or an approval from the designer was needed. I also informed him that there was no QC on site to take cylinders/cubes for strength testing. He agreed that he forgot to arrange this, and he was on his way with the cube forms and he would take them himself.

As the first mix was being batched, I called Frances Maroni to let her know the operation was beginning, and she showed up shortly after, around 8:30 am or so. She said she was OK with the way things were set up and took some pictures.

During the pouring of the first 4 pile annuli, on the southeast frame piles D113, D114, D115, and D116, there were some leaks in the first friction collar forms. These leaks were caught by the secondary forms quickly by the 2 workers on floats under the frame. No grout entered the water and all leaks were cleaned up. Once the 4 annuli were filled enough, they folded the end of the grout tube, tied it off, and moved it by hand back to the T1 footing, across the Southern end and up the southwest frame for placing

in those 4 annuli. No grout entered the bay during this. They began to place grout in the annuli here on the 2 Southern annuli, then moved the hose to the northwest pile of the South frame when they had to stop to mix more grout. Up to this point things were going smooth. They realized that the grout in the silo was running out and it was time to fill the silo with the correct mix, the mix with the 3/8" gravel. They picked and opened 6 bags over about a 30 minute period. During this time the grout began to set inside the 1-1/2" hose, mostly at the connections. From this point on, about 9:30 or so, the crew chased down the areas in the hose that were plugged by curing grout. They had to separate the connection closest to the pump first, and did so without incident. By this time, at some of the other connections the grout was setting up in the lines. They systematically searched for and cleared the blockages and were able to run water through the lines without much obstruction. All of the water used for this was run to an Eco-Tub.

As of 11:30 am the operation was stopped and clean up started. They removed the pump from its place under the mixer and preparation for placing a larger, better suited pump for pumping the grout. I heard some of the workers say the pump was the main reason for the continual blockage since its maximum size aggregate is 3/8". Whether it was the size of the hoses, power of the pump, or time in the lines was never positively identified. Either way, they will bring out a larger pump and grout the North annuli at a later date.

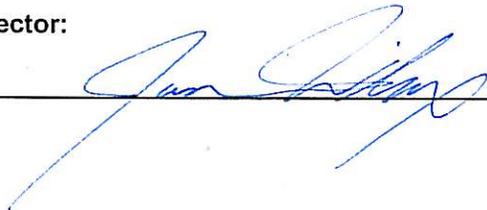
In the afternoon I worked on the response for Submittal 819 R00 and reviewed diaries. I also kept in touch with the contractor as to what they planned to do for the larger pump and the grouting operation.

Gina Rizzardo will have the labor and equipment for the days operation.

OVERTIME: Accrued 2 hours of overtime covering the contractors hours.

Inspector:

Jason Wilcox



Transportation Engineer (D)/Asst. Structure Rep.

Traylor Dutra Joint Venture Extra Work Order

SUB/VENDOR NAME: American Bridge/Fluor Joint Venture		PCO#	12
ADDRESS: 375 Burma Road		JOB #:	0705
Oakland, CA 94607		Phone: 510-808-4600	NAME: SAS - Temp Towers
WORK ORDERED BY: John Callaghan		Fax: 510-808-4601	DATE: 9/24/04

DESCRIPTION OF WORK PERFORMED:
 Use of Workboat Becky T by Captain and Deckhand to inspect for nesting birds.
 START TIME 1000
 END TIME 1200

ABF Reference: CCO#13

TDJV LABOR								TDJV EQUIPMENT					
NAME/CRAFT	HOURS			WAGE RATES			EXTENDED AMOUNT	EQUIPMENT DESCRIPTION	OP HRS	STBY HRS	OP RATE	OWN RATE	EXTENDED AMOUNT
	ST	OT	DT	ST	OT	DT							
Direct Labor Cost								Becky T	2				
Frank Wouters	2												
Matt Morton	2												
								TOTAL TDJV EQUIPMENT AMOUNT:					
								RENTAL/OUTSIDE EQUIPMENT & OTHER COSTS					
								DESCRIPTION	QTY	U/M	RATE	EXTENDED AMOUNT	
								TOTAL RENTAL AMOUNT:					
								EXTRA WORK ORDER COST SUMMARY					
TOTAL HOURS								LABOR TOTAL:					
TOTAL TDJV LABOR AMOUNT:								MARKUP:					
								SUBTOTAL LABOR:					
MATERIALS AND OTHER CHARGES								MATERIALS/OTHER TOTAL:					
DESCRIPTION		QTY	U/M	U/P	AMOUNT	TDJV EQUIPMENT TOTAL:							
						RENTAL EQUIPMENT/OTHER TOTAL:							
						MATERIAL EQUIPMENT MARKUP:							
						SUBTOTAL MATERIAL/EQUIPMENT:							
						SUBTOTAL:							
						OVERHEAD @							
TOTAL MATERIALS AMOUNT:								TOTAL AMOUNT DUE:					

CALTRANS/CONTRACTOR REPRESENTATIVE:

TRAYLOR DUTRA REPRESENTATIVE:

SIGNATURE _____ DATE _____

SIGNATURE _____ DATE _____

PRINTED NAME _____

STEVE CARPENTER
PRINTED NAME

