

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
CP-CEM 4601 (Rev. 4/99) (Old HC-10A)

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

7-day Const. Cal.: 651
Project Work Day: 861
Date the Shift Began: 9/24/08
 NIGHTWORK WEDNESDAY
Shift Hrs Start 6:30 Stop 15:00
Engineer's Hrs Start 6:30 Stop 15:00

ASSISTANT RESIDENT ENGINEER'S DAILY REPORT
BRIDGE

Location: Temporary Tower D - Big Digger Report No. 46.B Weather: Sun, 65° - 76°
Remark:

EQUIPMENT AND/OR LABOR:			HOURS - ITEM NO.							REMARKS		Prime / Sub
EQPT. NO.	NO. MEN	DESCRIPTION (Of Equipment or Labor)	RT	OT					Name	Classification		
		Big Digger Manitowoc 2250 Crane	8.00									
L479		Multiquip Generator	8.00									
L437		Multiquip Air Compressor							IDLE			
L480		Multiquip Air Compressor	8.00									
L269		D185Q Sullivan Air Compressor							IDLE			
L291		D185Q Sullivan Air Compressor	8.00						IDLE			
		PLDR	8.00							Richard Hiebert	FOR	2
		PLDR	8.00							Adam Price	JRNY	2
		PLDR	8.00							Dan Adams	JRNY	2
		PLDR	8.00							Doug Brewer	JRNY	2
		PLDR	8.00							Frank Wouters	OPER	2
		PLDR	8.00							Gary Lewis	APPR	2
		PLDR	8.00							Gilbert Moya	JRNY	2
		PLDR	8.00							Kurt Dillard	JRNY	2
		PLDR	8.00							Matt Morton	OPER	2
		PLDR	8.00							Randall Lesley	FOR	2
		PLDR	8.00							Robert Utley	JRNY	2
		PLDR	8.00							Theo Rohr	JRNY	2
		PLDR	8.00							Travis Logsdon	JRNY	2
		PLDR	8.00							Ventura Ochoa	JRNY	2

Description of Operation:
The Department granted conditional approval of SWPPP Amendment 14 and so grouting operations can begin at Temporary Tower D. Darryl Schram sent out a letter by the end of the day making the approval official.
T1: Traylor Dutra began grouting the annular space on the South Driving frame using the remainder of the mix that did not contain aggregate (also used under the B1 beams). They planned to pour about one foot of grout into the annulus to form a plug, then after a day of curing they will pour the remaining grout to the top of the pile sleeve. The workers completed plugs at D113, 114, 115, and part of 116. During pouring of D116 a leak was found in the secondary friction collar and so grout ceased at that location while workers fixed the leak. Meanwhile, workers moved on and poured plugs at D115, D113, and D114. Next, they began pouring plugs at D111 and D112 and finished the mix that did not contain aggregate. They then began on D109 with the new mix, which contains 3/8" pea gravel.
As workers tried to resume pouring with the new mix, there was major clogging as the grout was forming inside the hose. It was concluded this was due to the following issues:
- The lag time between mixes
- Using a 1" diameter hose. 3/8" size aggregate is the maximum size for use in a 1" hose. Since the hose was not flushed out before introducing the pea gravel, the aggregate could not flow properly.
Grouting was stopped for the day around 11:00 and Traylor Dutra plans to get a larger diameter hose and higher capacity pump before restarting the entire operation tomorrow.
Materials:

Insp. Hrs.	
REG: 8.0	INTERMITTENT
OT: 0.0	INSPECTION

GINA RIZZARDO TE/CT
GINA RIZZARDO Title
First Name Last Name

REC'D 08 NOV 04 10:57:41