

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. **46.B**

Date the Shift Began: **4/25/08**

NIGHTWORK **FRIDAY**

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

ASSISTANT RESIDENT ENGINEER'S DAILY

BRIDGE

REPORT

Location: W2 Cap Beam	7-day const. cal.: 499	Weather: Clear
Remark: ironwork/formwork	Project work day: 709	Hi 69F/Lo 46F

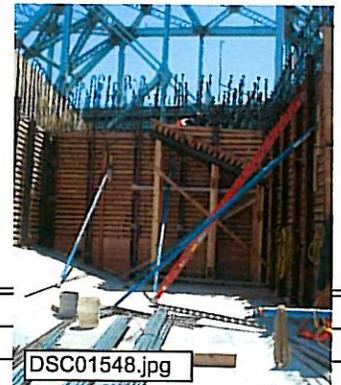
Description of Operation:

ABF - closed up forms on west wall - south of longitudinal diaphragm/place more walers on forms/resumed working on cooling system down below/placed underside panel in northwest void area at haunch
RPS - completed ironwork in west wall/placed bars at top of east wall/placed longitudinal bars in longitudinal diaphragm for jacking saddle haunch detail.

		HOURS - ITEM NO.						Contractors		
ITEM NO. >>		38	48					Prime	American Bridge / Fluor JV (P)	
								Sub #1	Regional (1)	
EQUIPMENT AND/OR LABOR:		Structural Concrete, Bridge	Bar Reinforcing Steel (Bridge)					Sub #2	(2)	
EQPT. NO.	NO. MEN							DESCRIPTION (Of Equipment or Labor)	RT	RT
								Sub #4	(4)	
								Sub #5	(5)	
								REMARKS		Prime / Sub
								Name	Classification	

For equipment and personnel hours, please see LALIT MATHUR'S (CT) diaries.

ABF continued with the forms on the west wall. They closed up the south side of the west wall (DSC01542) and were working on closing up the north side. They placed the underside panel under the haunch in the northwest void area (DSC01539). With a manlift, they are starting to assemble the cooling pipe system under the falsework (DSC01534). Pam (CT) brought up a point about safe access in/around the formwork for the concrete pour. I was under the assumption that ABF will have walkways up above so CT can inspect and make sure everything is running smoothly during the pour. However, Pam asked Nigel (ABF foreman) if he was intending to put these walkways up (DSC01548) because it's an unsafe height. He declined. They do not plan to put up walkways and said that everyone will be mobile by using 4 long ladders. We told him that they will not be able to tie-off the rebar up above because it was CTLGroup's opinion that the cracks we received from pour one were in part due to the ironwork moving/swaying while the concrete was still plastic. Nigel responded, "you bought that?" Regardless, without a walkway, it would be unsafe for anyone to work above without tying off. Additionally, Nigel has complained that CT engineers have been 'in the way.' If this is the case, there cannot be more than one person using the ladder. With one person at the top of the ladder and no room to move without tying off the steel, no one else can go up the ladder.



Materials:

Insp. Hrs.	REG: 8.0	INTERMITTENT
OT:		INSPECTION

REC'D CIVIL ENGR #004997

DAVID CHUNG

TE/CT
Title