

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: **4/28/08**  
 NIGHTWORK **MONDAY**  
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: <b>W2 Cap Beam</b>	7-day const. cal.: <b>502</b>	Weather: <b>clear</b>
Remark: <b>formwork</b>	Project work day: <b>712</b>	<b>Hi 66F/Lo 49F</b>

Description of Operation:  
ABF - close forms of northwest wall/add braces to haunch in southwest void area/add braces to south bulkhead of intermediate transverse diaphragm/begin adding braces for south bulkhead of east wall/adjust forms for haunch at southeast void.

ITEM NO. >>		HOURS - ITEM NO.					IDLE OR DOWN	Contractors		
	38							Prime	<b>American Bridge / Fluor JV</b> (P)	
							Sub #1			
							Sub #2			
							Sub #3			
							Sub #4			
							Sub #5			

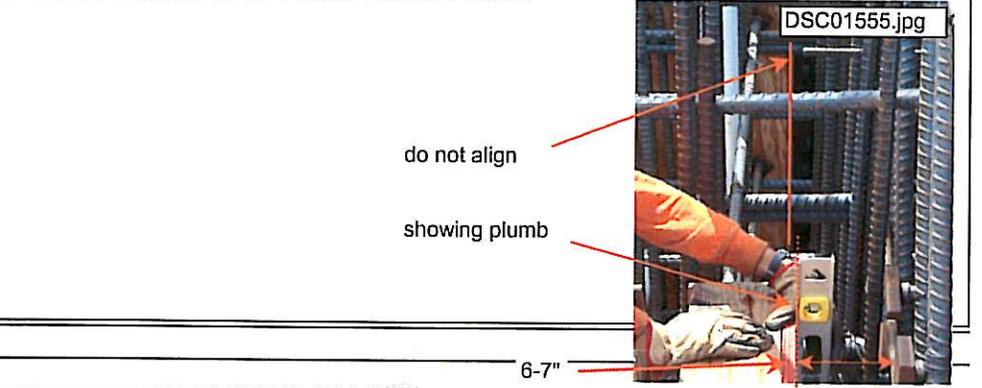
EQUIPMENT AND/OR LABOR:			Structural Concrete, Bridge	RT					REMARKS	Name	Classification	Prime / Sub
EQPT. NO.	NO. MEN	DESCRIPTION (Of Equipment or Labor)										

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

Weekly staff meeting (internal)  
Pre-pour meeting with ABF (summarized as follows): concrete will come from SF - assumed Pier 92; there will be no lane closures. There will be flaggers directing concrete trucks. Two pumps will be on site - one on the east/west of the cap beam. The primary pump will be the west pump with the east pump on standby if any problems arise. According to ABF, they will be using concrete below 80 deg. F and specifically pointed out that they will be following table 3 of the thermal control plan, therefore they will be using R-1 insulation blankets. It has been agreed by both parties that concrete with a 28" slump (plus/minus 2") will be accepted. A diagram of pour hose locations shows overlapping circles of -at most-4' radii - showing that the flow distance of the SCC concrete will be within allowable. They will start pumping at the west wall since those walls are separated by the jacking saddle blockout and the concrete will not violate the flow distance of 4'. They will not place concrete higher than 3' before moving the hose to another location (differential of heights will be at most 3').

ABF will be using curing compound and will drape the insulation/blankets over the rebar. The testing frequency of the concrete trucks will be random - anything that may look segregated, etc. Chuck (ABF) will be performing the concrete quality monitoring and Steve Marco (ABF) will be in charge of field operations - the final decisions belong to him. Gil (CT) states that he wants someone to go to directly because it was stated that Steve will not be watching the entire pour, i.e. he will be in the trailer and answer any issues via phone. According to John Beatty (CT), SCC concrete will begin to set up between 3-4 hours. According to Jim (ABF), internal vibrators will be on standby on site.

In the field:  
ABF placed closed the northwest wall. During our field inspection, Matt mentioned to the carpenters that the forms looked out of place on the south side of the haunch in the southeast void and that they should consider bringing it up to Nigel (ABF foreman). They took it upon themselves to move the form themselves. In the picture (DSC01555), the form with the torpedo level (plumb) is not in line with the form in the background (west side of the intermediate transverse diaphragm). Furthermore, the clearance on the T-heads is about 7 inches.



Materials:

Insp. Hrs.	
REG: <b>8.0</b>	<b>INTERMITTENT INSPECTION</b>
OT:	

REC'D 08 MAY 31 1004998  
*David Chung*  
**DAVID CHUNG**

TE/CT  
Title