



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

Report No. **46.B**  
 Date the Shift Began: **4/27/09**  
 NIGHTWORK **MONDAY**  
 Shift Hrs Start **6:30** Stop **15:00**  
 Engineer's Hrs Start **6:30** Stop **18:00**

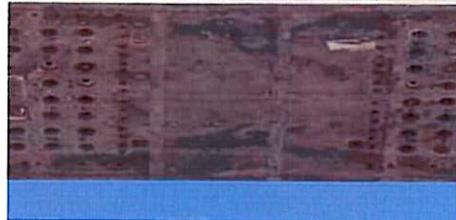
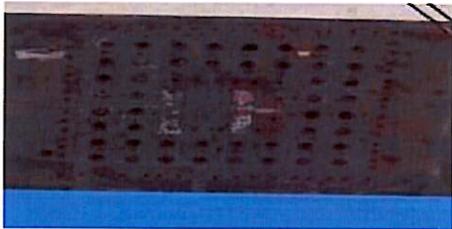
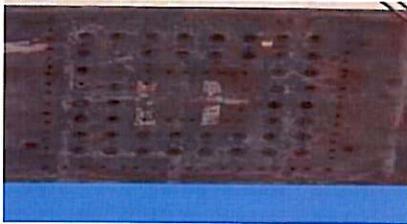
**ASSISTANT RESIDENT ENGINEER'S DAILY BRIDGE REPORT**

Location: Pier W2 & E2	7-day const. cal.: 866	Weather: Sunny
Remark:	Project work day: 1076	

However, as of mid-day today, Thursday was the target day for this operation to kick start.

I ran a little calculation on the amount of grout needed for this operation based on the manufacturer's recommendation of 11.5-13 pints per 50 lbs bag. Based on this calculation, approximately 31 bags of grout are needed per duct. This calculation is attached.

I made my way to Pier E2 today at which time the crew were bringing down the strands off the jacks. I was told not to go on the footing during this operation and I could just observe from the crane barge, which obviously does not provide a good vantage point for the observation of possible cracks or holes underneath the bent cap. It will take a few more days before the strands and the beams are down and the footing is considered safe for inspection purposes.



At around 16:00, word came from Gil that SDI is planning to begin grouting tomorrow. That in turn created a chain reaction of calls one which I made to Charles Kanapicki, ABF's QCM, to make sure that he has an outside inspector lined-up for the operation. He was in Michigan when he took my call and told me that he was not aware of this change at all and was surprised by the sudden change of schedule just like us. He did assure us that he will call Smith Emery to have an inspector available at the site.

For a complete list of all workers and other details, please consult Matt Bruce's report.

**Materials:**

Insp. Hrs.	
REG: 8.0	INTERMITTENT
OT: 3.0	INSPECTION

*Saman Soheili*  
 Saman Soheili

ASR/CT  
 Title

# RAM CALIBRATION REPORT

**SCHWAGER DAVIS, INC.**

198 Hillsdale Avenue, San Jose, CA 95136 Tel.: 408-281-9300 Fax: 408-281-9301 www.schwagerdavis.com

Report No. 042109 Date 4/21/2009 Location Caltrans Lab, Sacramento

Ram No. B-36 Capacity 110 ton @ 6,024 PSI Eff. Ram Area: 36.52 Sq. Inch

Loadcell No. 6904 LC Calibration Report No. : \_\_\_\_\_ Dated: \_\_\_\_\_ Strain Indicator# \_\_\_\_\_

Gauge No. B36-A | B36-B

SDI-PG-0092 | SDI-PG-0093

**GUAGE READING IN PSI**

ACTUAL LOAD (in kips)	RUN 1		RUN 2		RUN 3		AVERAGE		
	Gauge A	Gauge B	Digital Gauge						
40	1150	1100	1100	1100	1100	1100	1117	1100	0
80	2200	2200	2200	2200	2200	2200	2200	2200	0
120	3350	3300	3350	3300	3350	3300	3350	3300	0
160	4450	4400	4450	4400	4450	4400	4450	4400	0
190	5300	5250	5300	5250	5300	5250	5300	5250	0

Comments:

*PSYK = 4600 PSI*  
*ND = 2349*  
*GF = 3.311*

Calibrated by:

Aaron  
 Caltrans, Transportation Engineering Technician

Witnessed by:

Dan Hartman  
 Schwager Davis Inc., Representative

# RAM CALIBRATION REPORT

**SCHWAGER DAVIS, INC.**

198 Hillside Avenue, San Jose, CA 95136 Tel.: 408-281-9300 Fax: 408-281-9301 www.schwagerdavis.com

Report No. 042109 Date 4/21/2009 Location Caltrans Lab, Sacramento

Ram No. B-117 Capacity 110 ton @ 6,024 PSI Eff. Ram Area: 36.52 Sq. Inch

Loadcell No. 6904 LC Calibration Report No. : \_\_\_\_\_ Dated: \_\_\_\_\_ Strain Indicator# \_\_\_\_\_

Gauge No. B117-A | B117-B  
SDI-PG-0090 | SDI-PG-0091

**GUAGE READING IN PSI**

ACTUAL LOAD (in kips)	RUN 1		RUN 2		RUN 3		AVERAGE		
	Gauge A	Gauge B							
40	1100	1100	1150	1150	1100	1100	1117	1117	0
80	2300	2300	2300	2300	2300	2300	2300	2300	0
120	3400	3400	3400	3400	3400	3400	3400	3400	0
160	4550	4550	4500	4500	4500	4500	4517	4517	0
190	5350	5350	5300	5300	5300	5300	5317	5317	0

Comments:

*Peak = 4620 PSI ✓*

*NJD = 2299*

*GF = 3,340*

Calibrated by:

Aaron  
Caltrans, Transportation Engineering Technician

Witnessed by

Dan Hartman  
Schwager Davis Inc., Representative