

Job Stamp 04-0120F4 SFOBB SAS
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Construction Calendar no.	482
Project working days no.	692
Date	04/08/2008
Inspectors	Start 6:30 Stop 17:00
Hours	
Shift Hours	Start 6:30 Stop 15:00

### Assistant Structure Rep.'s Daily Report

Location & Description of Operation	SAS-Temporary towers, Tower A & B foundation
Weather	HI: 58 F Low: 46 F cloudy & windy

Equip no.	# personnel	Equipment and/or labor Description (of equipment or labor)	Hours – ITEM no.							Remarks
			Regular	OT	DT	Rental			IDLE	
D12-261	C	Manitowoc – 4100 W								T.D.
7-154	C	CAT – IT28B loader								T.D.
30-196	C	Lincoln Electric 300D generator								T.D.
549-20-6031	R	DCA25USI MQ power generator	8							For trailer (T.D.)
7R24999	C	F-150 pick-up								T.D.
L-270	C	D185Q Sullivan Palatek compressor	8							T.D.
246-01-6015	R	John Deere 9000lb Excavator								T.D.
	1	Richard Hiebert								Foreman (T.D)
	1	Ron Lindsey	8							Foreman (T.D.)
	1	Adam Price								Pile Driver (T.D)
	1	Duck Brewer	8							Pile driver (T.D)
	1	Travis Logsdon	8							Pile driver (T.D)
	1	Bill White	8							O.E. (T.D)
	1	Ken White	8							O.E. (T.D)
	1	Chris Brewer	8							Laborer (T.D.)
	1	Richi Hiebert	8							Laborer (T.D.)
AC-40	C	VHP 750 Ingersoll Rand compressor								Drill Tech
8M70628	C	2500 Dodge Ram	6							Drill Tech
UG63505	C	Ford F-800								Drill Tech
308-15-7007	R	Shuttlelift crane 5540F Carrydeck				4				Drill Tech
	C	Compact drill-rig								Drill Tech
	C	Batter drill platform								Drill Tech
	1	Brad Middleton	6							Foreman (Drill Tech)
	1	Gerado Trujillo								Drill Tech
	1	Sistos Aguirre	6							Drill Tech
	1	Ulises Aguilar								Drill Tech
	1	Luiz Martinez								Drill Tech
	1	Ishmail Leon								Drill Tech
	1	Nicolas Leon								Drill Tech

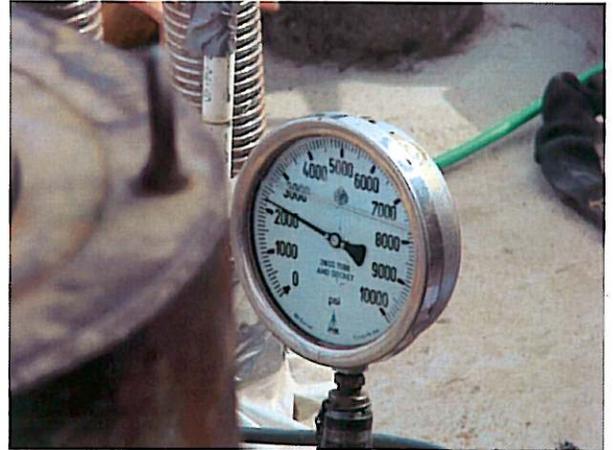
**Description of Operation:**

- Daily activity of contractors
  - Drill tech tested vertical micropile #1 of B2 foundation (see Figs 1 and 2). The testing was stopped due to excessive cracks of a base slab and soil movement (See Figs 3 and 4). See the attachment #1 for the testing date.
  - T.D. fixed the loading gage problem. Two crews are on site from 12:30 to 15:00.
  - T.D. continued to work on the B1 foundation (See Fig 5).
  - See Art Pannu, Damon Brown, Gina Rizzardo, Thanh Le and Abdikarim Ali's diaries for additional contractors' activities and comments.

REC'D '08 JUN-28 #005227

➤ Note

- Manuel, a geotech. Engineer from KCB, is on site from 6:30 to 12:00.
- New crane came to the site (see Fig 6.)
- 2 hours O.T. due to field activity and review of plan and submittal.



Figs 1 and 2. Micropile testing



Figs 3 and 4. Testing was stopped due to excessive cracking of slab and soil movement.



Fig 5. Drill tech worked on B1 foundation



Fig 6. New crane for micropile testing

Inspector:

ingHyeok Song

Trans Engineer (Civil) / Asst. Struct. Rep

Attachment #1

Micropile #1

**DRILL TECH DRILLING & SHORING INC.**

2200 Wymore Way, Antioch, CA 94509  
P:(925)978-2060/F:(925)-978-2063/CSL#745354

Max. Tension Load: 1800 kN  
Design Test Load (T): 1353.4 kN

Date Drilled:  
Date Grouted:  
Date Tested:

**PILE CAP B2 - VERTICAL**

Project: Oakland Bay Bridge  
Location: East Span  
Pile Number:  
Foreman:  
Job No: 749  
Contract No:  
Ram Number: DT-600-12-1  
Gauge Number: B / DT-600-12-1  
Calibration: 8.19

**PROOF TEST**

Load Level	Load(KN)	Load(Kips)	Gauge (psi)	Hold Time	Elong. (in.)
AL=0.10T	135.3	30.4	249	Until Stable	
0.25T	338.3	76.1	623	Until Stable	0.03 0.05
0.50T	676.7	152.1	1246	Until Stable	0.094 0.17
0.75T	1015.0	228.2	1869	Until Stable	0.166 0.31
1.00T	1353.4	304.3	2492	Until Stable	0.219 0.449
1.20T	1624.1	365.1	2980 <sup>stop</sup>	Until Stable	0.291 0.55
1.33T(Creep)	1800.0	404.7	3314	See Below	

\* Two gauges are used

← Test was stopped

**10 Min. Creep Test (1.33T)**

Time	Movement
1 Min.	
2 Min.	
3 Min.	
4 Min.	
5 Min.	
7 Min.	
10 Min.	
Difference	

≤ 1mm  
(=0.04")

**1 Hr. Creep Test (if required)\***

Time	Movement
15 Min.	
20 Min.	
25 Min.	
30 Min.	
45 Min.	
60 Min.	
Difference	

≤ 2mm (=0.08")

\* If load of 1.33T cannot be maintained for 10 minutes with 0.04 inches or less movement, the 1.33T load shall be maintained for an additional 50 minutes (1.0 hour creep test)

Soil Type:  
Drill Hole Dia.:  
Depth of Ground Water:  
Drill Hole Depth:  
Bonded Length:  
Unbonded Length:  
Comments: