STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

Form HC-10A (Rev. 6/80)

Job Stamp
04-0120F4
SFOBB SAS

Report No. 483
Project Work Day No. 693
Date **09-APR-2008**
Shift Hours Start 06:30 Stop 16:00

ASSISTANT RESIDENT ENGINEER'S **CONTRACTOR – ABFJV**

Weather: Windy, 52°-57°

EQUIPMENT AND/OR LABOR:

Equip. #	NO. MEN	DESCRIPTION (Of Equipment or Labor)	HOURS - ITEM NO. Item #8 - TOTAL HOURS										REMARKS	
D12-261	1	Manitowoc Crane	8											
L-270	-	D185Q Sullivan Air Compressor	8											
739831 7WJ398 31	2	Chevy 3500 Pick Up Truck	8										Traylor Dutra	
196 30-196	-	Power Generator	8											
7-154	-	CAT-IT28B Loader	8											
246-01-6015	1	John Deer 270 Excavator	IDLE											
6F78374	2	Ford F550 Pick Up Truck	8										Drill Tech	
6V94636	2	GMC Top Kick Pick Up Truck	8										Drill Tech	
		9940 lbs Vertical Drill	IDLE											
DR-13	4	Man Basket Drill Platform	IDLE											
Traylor Dutra	1	Ron Linsday (FOR)	8											
Traylor Dutra	1	Bill White (OE)	8											
Traylor Dutra	1	Ken White (OE)	8											
Traylor Dutra	1	Randall Lesley (PLDR)	8											
Traylor Dutra	1	Doug Brewer (PLDR)	8											
Traylor Dutra	1	Craig Brewer (PLDR)	8											
Traylor Dutra	1	Richard Hiebert Jr. (PLDR)	8											
Drill Tech	1	Brad Middleton (FOR)	8											
Drill Tech	1	Ishmail Leon (OE)	8											
Patent	1	Dorian Chavez (FOR)	8											
Patent	1	Daniel Garcia Flores (LBR)	8											
Patent	1	Martin Sandoval (LBR)	8											
ABF	1	Katherin Quillen (Lead)	8											

Description of Operation:

- Field Visit, arrived 6:30AM
  - Foundation A1:
    - Patent arrived on site and began installed scaffolding. Began with installing hand rails along the W2 footing. Spoke with Katherin, yesterday she got verbal approval from Lalit Mathur to drill into the existing footing. Jason Wilcox also received approval from Gilel Klebanov.

RECD '08 JUN 28 #005230

- Foundation B-1:
  - Workers continued installing spoils platform. Seong and Ali field verified materials against work plan.
- Foundation B-2:
  - A meeting between Drill Tech, ABF, Traylor Dutra, and KCB took place on Pier 7 at 7:00am. The resolution to the concrete severely cracking during yesterdays testing of M.P. No. 4 is to lay down extra timber mats in order to spread out the loading on the rat slab.
  - The following micropiles were tested: No. 5 @ 11:15 am, No. 6 @ 1:15 pm, and No. 7 @ 1:55 pm. The tests were all successful and none of the micropiles needed the 1 hr creep test. See attached test results for more detail.

- Drafted and responded to RFI 1284
- Worked 1 hr O.T.

Inspector:

Gina Rizzardo Gina Rizzardo Transportation Engineer/Assistant Structure Rep.

M.P. NO. 5
11:15 AM
4/9/05

DRILL TECH DRILLING & SHORING INC.
2200 Wymore Way, Antioch, CA. 94509
P:(925)978-2060/F:(925)-978-2063/CSL#745354

PILE CAP B2 - VERTICAL

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

Date Drilled:
Date Grouted:
Date Tested:

#5 4/9/05 @ 11:15 AM

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
0.25T	338.3	76.1	623	Until Stable	.0115 .045
0.50T	676.7	152.1	1246	Until Stable	0.138 0.128
0.75T	1015.0	228.2	1869	Until Stable	0.240 0.220
1.00T	1353.4	304.3	2492	Until Stable	0.351 0.322
1.20T	1624.1	365.1	2990	Until Stable	0.411 0.409
1.33T(Creep)	1800.0	404.7	3314	See Below	0.531 0.477

10 Min. Creep Test (1.33T)

Time	Movement
1 Min.	0.533
2 Min.	0.535
3 Min.	0.536
4 Min.	0.538
5 Min.	0.539
7 Min.	0.540
10 Min.	0.543
Difference	

0.484
0.486
0.486
0.488
0.489
0.490
0.491

1 Hr. Creep Test (if required)*

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

* 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: Hydraulic [illegible] not stable -

M.P. NO. 6
1:15 pm
4/9/08

DRILL TECH DRILLING & SHORING INC.
2200 Wymore Way, Antioch, CA 94509
P:(925)978-2060/F:(925)-978-2063/CSL#745354

PILE CAP B2 - VERTICAL

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

Date Drilled:
Date Grouted:
Date Tested:

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

ALIGNMENT

1:18

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	0
0.25T	338.3	76.1	623	Until Stable	0.032	0.039
0.50T	676.7	152.1	1246	Until Stable	0.112	0.119
0.75T	1015.0	228.2	1869	Until Stable	0.194	0.203
1.00T	1353.4	304.3	2492	Until Stable	0.288	0.297
1.20T	1624.1	365.1	2990	Until Stable	0.369	0.382
1.33T(Creep)	1800.0	404.7	3314	See Below	0.438	0.454

10 Min. Creep Test (1.33T)

Time	Movement	
1 Min.	0.438	0.456
2 Min.	0.438	0.456
3 Min.	0.440	0.458
4 Min.	0.441	0.459
5 Min.	0.444	0.463
7 Min.	0.444	0.463
10 Min.	0.445	0.465
Difference	0.007	0.009

1 Hr. Creep Test (if required)*

Time	Movement
15 Min.	N/A
20 Min.	
25 Min.	
30 Min.	
45 Min.	
60 Min.	
Difference	

RESIDUAL
0.122 0.148

* 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:

M.P. No. 7
4/9/08
1:55

DRILL TECH DRILLING & SHORING INC.
2200 Wymore Way, Antioch, CA 94509
P:(925)978-2060/F:(925)-978-2063/CSL#745354

PILE CAP B2 - VERTICAL

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

Date Drilled:
Date Grouted:
Date Tested:

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	0
0.25T	338.3	76.1	623	Until Stable	0.046	0.035
0.50T	676.7	152.1	1246	Until Stable	0.127	0.110
0.75T	1015.0	228.2	1869	Until Stable	0.221	0.213
1.00T	1353.4	304.3	2492	Until Stable	0.373	0.325
1.20T	1624.1	365.1	2990	Until Stable	0.424	0.433
1.33T(Creep)	1800.0	404.7	3314	See Below	0.492	0.510

10 Min. Creep Test (1.33T)

Time	Movement	
1 Min.	0.491	0.515
2 Min.	0.499	0.519
3 Min.	0.500	0.522
4 Min.	0.504	0.526
5 Min.	0.506	0.528
7 Min.	0.506	0.529
10 Min.	0.508	0.531
Difference	0.012	0.016

2:00

1 Hr. Creep Test (if required)*

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

RESIDUAL

0.139 0.173

* 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: NOTICEABLE CRACKING @ M.P. NO. 2 & 8