F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-031I	COOK	476	537
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62583

USE BORING FOR HMLT 6 OKL1

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
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Page 1 of 1

BORING LOG SB 36-09

WEI Job No.: 414-07-01

Client: T. Y. LIN International
Project: Dan Ryan Improvements; IDOT No. D-91-421-01
Location: From 95th Street to South of 69th Street

Datum: CCD
Elevation: 20.01 ft
North: 1844556.85 ft
East: 1177547.96 ft
Station: 1231+77.9
Offset: 138.701' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	20.0	2-inch thick, ASPHALT --PAVEMENT--						
	19.0	10-inch thick, CONCRETE --PAVEMENT--						
	18.3	9-inch thick, CRUSHED STONE --BASE COURSE--						
		Loose to medium dense, brown SAND --FILL--			1	14 10 6	NP	9
			5		2	8 6 3	NP	16
					3	7 2 2	NP	10
			10		4	7 2 2	NP	10
	9.5	Stiff to very stiff, gray CLAY			5	4 3 5	2.46 B	19
			15		6	2 2 3	1.64 B	18
	4.5	Soft, gray CLAY			7	2 2 2	0.41 B	20
			20		8	1 1 1	0.40 B	22
					9	0 0 0	0.45 B	22
	-3.0	Stiff to hard, gray SILTY CLAY, with gravel	25		10	2 2 2	1.23 B	14

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
			30		11	6 7 9	4.57 B	12
					12	4 7 10	4.92 B	12
			35		13	30 24 22		
	-16.5	--BEDROCK--						
		RUN 1: 36.5'-41.5' 98% REC 82%RQD	40					
		RUN 2: 41.5'-46.5' 96% REC 1% RQD						
			45					
	-26.5	Boring terminated at 46.50 ft						
			50					

GENERAL NOTES

Begin Drilling: 01-02-2004 Complete Drilling: 01-02-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: K. Jacob Checked by: N. Davis
Drilling Method: 3.25" ID HSA; Boring backfilled with bentonite upon completion

WATER LEVEL DATA

While Drilling: ▽ DRY
At Completion of Drilling: ▼ DRY
Time After Drilling: NA
Depth to Water: ▽ NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

WANGENGINC 414070LGP2 WANGENGLOT 5/20/04

USE BORING FOR HMLT 6 OKL2

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Page 1 of 1

BORING LOG SB 37-04

WEI Job No.: 414-07-01

Client: T. Y. LIN International
Project: Dan Ryan Improvements; IDOT No. D-91-421-01
Location: From 95th Street to South of 69th Street

Datum: CCD
Elevation: 8.98 ft
North: 1844919.92 ft
East: 1177539.09 ft
Station: 1235+41.0
Offset: 137.17' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	8.9	2-inch thick, ASPHALT --PAVEMENT--						
	7.9	11-inch thick, CONCRETE --PAVEMENT--						
	7.0	11-inch thick, CRUSHED STONE --BASE COURSE--						
		Medium stiff to very stiff, brown and gray CLAY			1	12 9 8	NP	5
			5		2	9 5 7	4.02 B	19
					3	6 3 5	2.46 B	20
			10		4	3 4 5	2.46 B	22
					5	3 2 4	0.98 B	18
			15		6	2 2 5	1.56 B	19
					7	3 6 6	3.55 B	12
			20		8	2 4 6	3.44 B	13
	11.5	Hard, gray SILTY CLAY, with gravel			9	4 7 10	4.92 B	14
			25		10	7 7 12	5.74 B	12

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
		POSSIBLE BOULDER			11	7 10 15	4.90 B	11
	-20.1	--SPOON REFUSAL--			12	5 50/1	> 4.50 P	7
		Boring terminated at 29.10 ft	30					
			35					
			40					
			45					
			50					

GENERAL NOTES

Begin Drilling: 01-02-2004 Complete Drilling: 01-02-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: K. Jacob Checked by: N. Davis
Drilling Method: 3.25" ID HSA; Boring backfilled with bentonite upon completion

WATER LEVEL DATA

While Drilling: ▽ DRY
At Completion of Drilling: ▼ DRY
Time After Drilling: NA
Depth to Water: ▽ NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

WANGENGINC 414070LGP2 WANGENGLOT 2/10/04

LEGEND

NP	NON-PLASTIC
B	BULGE FAILURE
S	SHEAR FAILURE
P	POCKET PENETROMETER

TY LIN INTERNATIONAL

SHEET 14 OF 30

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
31st STREET to I-57

BORING LOGS FOR HMLT'S 6 OKL1 & 6 OKL2

S.N.
SCALE: N.T.S.
DATE: OCTOBER 29, 2004
DESIGNED BY: DJR
DRAWN BY: DJR
CHECKED BY: TD

P:\0237\Tyrad02\sb02sht43.dgn 10/15/2004 12:50:41 PM