F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-0311	COOK	476	527
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62583

USE BORING FOR HMLT 6 OAB1

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG 5OAB2

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: 3.17 ft
North: 1841352.81 ft
East: 1177639.30 ft
Station: 150+31
Offset: 72' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	3.4	Brown SILTY CLAY LOAM							
		--TOPSOIL--							
		Very stiff, gray SILTY CLAY				1	6 6 7	3.61 S	15
			5			2	4 5 6	2.87 B	14
	-2.3	Dense, gray GRAVELLY SANDY LOAM				3	9 15 16	NP	8
	-4.8	Hard, gray SILTY CLAY							
			10			4	4 7 9	6.15 B	13
						5	3 7 15	5.41 S	13
	-9.8	Medium dense, gray SANDY LOAM							
	-11.3	Very stiff to hard, gray SILTY CLAY	15			6	3 12 13	NP	13
						7	6 12 13	6.31 S	12
			20			8	5 13 13	7.05 S	12
			25			9	8 15 12	5.17 S	10

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
			30			10	18 26 27	3.20 S	10
	-31.8		35			11	18 23 27	2.46 S	9
		Boring terminated at 35.00 ft							
			40						
			45						
			50						

GENERAL NOTES

Begin Drilling 08-10-2004 Complete Drilling 08-10-2004
Drilling Contractor Patrick Drilling Drill Rig CME 75 ATV
Driller J&L Logger J. Kasnick Checked by L.I.
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.

10/14/04 WANGENG.GDT WANGENG 414070LBP1

BORING LOG SB 33-03

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
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1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

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: 15.36 ft
North: 1841899.95 ft
East: 1177629.03 ft
Station: 155+92.9
Offset: 109.712' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	15.1	3-inch thick, ASPHALT							
		--PAVEMENT--							
	14.6	7-inch thick, CONCRETE				1	6 4 8	> 4.50 P	32
		--PAVEMENT--							
	14.1	6-inch thick, CRUSHED STONE							
		--BASE COURSE--							
		Hard, gray CLAY							
	10.4	Very soft, gray CLAY	5			2	3 3 3		
						3	1 1 1	0.25 P	21
		--LL=31%, PL=18%--				4	1 1 1	0.16 B	24
			10			5	1 1 1	K 0.25 P	24
			15			6	1 1 1	K 0.25 P	24
	-1.2	Very stiff, gray CLAY				7	1 1 2	2.79 B	20
	-3.6	Medium dense, gray SAND ▽	20			8	8 9 11	NP	17
	-5.8	Hard, gray CLAY, with gravel				9	7 10 10	6.15 B	16
	-8.8	Dense, gray SILT	25			10	4 15 23	6.48 B	13

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	-10.1	Very stiff to hard, gray SILTY CLAY, with gravel				11	7 9 15	4.92 S	11
			30			12	6 14 15	5.25 S	12
			35			13	10 13 21	7.13 S	
	-23.8	Very dense, gray gravelly SILTY LOAM	40			14	9 27 40	4.02 B	
	-26.6	Hard, gray gravelly SILTY CLAY				15	17 24 25	9.84 S	
	-29.6	Boring terminated at 45.00 ft	45						
			50						

GENERAL NOTES

Begin Drilling 02-09-2004 Complete Drilling 02-09-2004
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 ▽ 19.25 ft
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.

5/20/04 WANGENG.GDT WANGENG 414070LBP1

LEGEND

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

TY·LIN INTERNATIONAL

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 5 OAB2 & 6 OAB1

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

10/15/2004 12:50:32 PM P:\02573\cad\c02\sht\02573c04.dgn