F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	907	720
STA. 1200+00.00	TO STA. 1365+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (1516.1, 1717 & 1818) R-9				62695

USE THIS BORING FOR HMLT - 60KL4

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 SB 38-01

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: 9.74 ft
North: 1846098.09 ft
East: 1177511.09 ft
Station: 1247+19.5
Offset: 131.432' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
9.2	6-inch thick, black LOAM --TOPSOIL--						
	Medium stiff to very stiff, brown and gray CLAY			1	2 4 8	1.25 P	11
		5		2	2 2 1	1.39 B	32
				3	1 1 2	0.90 B	25
		10		4	1 2 3	1.39 B	22
				5	1 2 3	1.80 B	17
-4.3	Hard, gray SILTY CLAY to SILTY CLAY LOAM, with interbeds of silt	15		6	3 8 12	0.75 P	16
				7	7 11 11	> 4.50 P	9
		20		8	5 10 12	> 4.50 P	11
				9	3 9 13	> 4.50 P	11
		25		10	5 8 12	> 4.50 P	12
		30		11	5 8 9	> 4.50 P	13
				12	4 8 11	> 4.50 P	12
-24.2	POSSIBLE BOULDER or BEDROCK --AUGER REFUSAL-- Boring terminated at 33.90 ft	35		13	100/5	4.00 P	12
		40					
		45					
		50					

GENERAL NOTES

Begin Drilling: 01-08-2004 Complete Drilling: 01-08-2004
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.

USE THIS BORING FOR HMLT - 60CD2

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 SB 39-09

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: 6.60 ft
North: 1846990.87 ft
East: 1177478.02 ft
Station: 1256+12.9
Offset: 138.933' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	2-inch thick ASPHALT, over 9-inch thick CONCRETE --PAVEMENT--						
5.1	7-inch thick CRUSHED STONE --BASE COURSE--			1	2 6 6	2.75 P	19
3.6	Very stiff, brown SILTY CLAY LOAM --FILL--						
	Soft, gray CLAY	5		2	3 2 2	0.49 B	26
				3	1 1 1	0.33 B	23
		10		4	1 1 1	0.41 B	23
-4.9	Medium dense, gray SILT, with sand and clay interbeds			5	1 10 12	NP	13
		15		6	6 12 12	NP	14
-9.6	Very stiff to hard, gray SILTY CLAY to CLAY			7	3 5 6	2.87 B	14
		20		8	2 3 6	3.28 B	14
				9	3 6 9	5.66 B	13
		25		10	5 10 11	5.08 B	12
-18.9	Dense, gray SILTY LOAM						
		30		11	11 17 20	NP	11
				12	14 20 26	NP	11
		35		13	80/5	NP	7
-33.0	Boring terminated at 39.58 ft	40		14	40 80 50/4	NP	7
		45					
		50					

GENERAL NOTES

Begin Drilling: 02-03-2004 Complete Drilling: 02-03-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: K. Jacob Checked by: S. Janowski
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.

LEGEND

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

TY·LIN INTERNATIONAL

SHEET 5 OF 10

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
BORING LOGS SB38-01 & SB39-09

S.N.
SCALE: N.T.S.
DATE: MARCH 25, 2005
DESIGNED BY: DJR
DRAWN BY: DJR
CHECKED BY: DAK

p:\0237_3\cad\dfb\07dfsht053a_hmlt.dgn 03/30/2005 11:40:59 AM
WANGENGINC 414070LGPJ WANGENGINC.GDT 2/10/04