F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-0311	COOK	976	536
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62583

BORING LOG 6MMN2

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

Page 1 of 1

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: -1.16 ft
North: 1839019.12 ft
East: 1178653.62 ft
Station: 1146+72
Offset: 51' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	14-inch thick, black CLAY LOAM				
-2.4	--TOPSOIL--				
	Hard, gray SILTY CLAY		1: 3 4 6	>4.50 P	15
-5.2					
	Very stiff, gray CLAY	5	2: 3 4 6	3.28 B	22
-6.7					
	Very stiff to hard, gray SILTY CLAY		3: 4 7 7	3.50 P	17
		10	4: 2 4 6	3.03 S	15
			5: 3 5 7	3.44 B	16
		15	6: 3 5 8	3.69 B	18
			7: 2 6 8	>4.50 P	12
		20	8: 4 14 15	5.00 S	11
			9: 10 18 20	>4.50 P	12
-26.2		25	10: 11 20 22	4.76 S	23

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)
	Boring terminated at 25.00 ft	
		30
		35
		40
		45
		50

GENERAL NOTES

Begin Drilling: 08-05-2004 Complete Drilling: 08-05-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: B. Fugiel 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 414071LGP.gi WANGENG.GDT 10/13/04

USE BORING FOR HMLT 6 OIJ4

BORING LOG SB 34-01

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Lombard, IL 60148
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Page 1 of 1

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: 15.93 ft
North: 1842437.11 ft
East: 1177613.92 ft
Station: 1210+57.1
Offset: 133.433' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
15.6	4-inch thick, ASPHALT --PAVEMENT--				
14.9	8-inch thick, CONCRETE --PAVEMENT--				
	Stiff, black and brown CLAY --FILL--		1: 11 6 4	1.07 B	21
12.9	Very soft, brown and gray CLAY				
		5	2: 5 2 3	0.49 B	36
			3: 1 1 2	<0.25 P	21
		10	4: 1 1 1	0.16 B	24
			5: 1 1 1	<0.25 P	18
		15	6: 1 1 2	0.25 B	19
0.4	Very dense, gray SANDY GRAVEL		7: 15 33 35	NP	5
-2.4	Medium dense, gray SANDY LOAM, with interbeds of silt	20	8: 9 11 12	NP	15
-4.6	Very stiff to hard, gray SILTY CLAY, with gravel		9: 6 10 14	5.08 B	10
		25	10: 5 7 8	5.49 B	14

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
			11: 6 7 11	4.26 B	14
		30	12: 5 8 12	5.49 B	13
		35	13: 4 6 13	3.20 B	12
-20.6	Hard, gray CLAY				
-24.1		40	14: 10 11 16	4.10 B	18
	Boring terminated at 40.00 ft				
		45			
		50			

GENERAL NOTES

Begin Drilling: 02-06-2004 Complete Drilling: 02-06-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: N. Davis Checked by: S. Janowski
Drilling Method: 3.25" ID HSA; Boring backfilled with bentonite upon completion

WATER LEVEL DATA

While Drilling: 18.80 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.

WANGENGINC 414071LGP.gi WANGENG.GDT 2/17/04

LEGEND

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

TY·LIN INTERNATIONAL

SHEET 13 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 MMN2 & 6 OIJ4

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

10/15/2004 12:50:40 PM

P:\0237.3\road\02\sb02sh33.dgn