F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-031I	COOK	476	532
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62583

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 6AGH3

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: -8.17 ft
North: 1839330.78 ft
East: 1177363.22 ft
Station: 239+89
Offset: 55' RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	-8.5	4-inch thick, brown SILTY CLAY LOAM --TOPSOIL--						
		Stiff, brown SILTY CLAY --FILL--			1	5 4	1.39 S	13
	-12.0	Very stiff to hard, gray SILTY CLAY, with sand and silt interbeds	5		2	4 4 5	5.41 B	14
					3	3 3 6	2.71 B	17
			10		4	7 12 12	5.90 S	11
					5	6 13 16	9.59 S	12
			15		6	4 13 15	9.02 S	11
					7	3 9 11	9.02 S	12
			20		8	2 9 9	7.79 B	12
	-28.7	Stiff, gray gravelly SANDY CLAY LOAM, with sand interbeds			9	4 11 13	1.39 S	10
	-31.2	Medium dense, gray SAND						
	-32.2	Very stiff, gray CLAY to SILTY CLAY, with silt interbeds	25		10	3 5 6	3.94 B	20

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
					11	2 42 44	2.50 P	13
	-36.2	--WEATHERED BEDROCK--			12	50/5	NP	
	-38.2	Boring terminated at 30.00 ft	30					
			35					
			40					
			45					
			50					

GENERAL NOTES

Begin Drilling 08-20-2004 Complete Drilling 08-20-2004
Drilling Contractor Patrick Drilling Drill Rig CME 75 TMR
Driller J&L Logger J. Kasnick 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.

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 5MMN5

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: 5.38 ft
North: 1839569.88 ft
East: 1177468.46 ft
Station: 420+54
Offset: 65' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	5.4	3-inch thick, black CLAY LOAM --TOPSOIL--						
		Very stiff, gray CLAY to SILTY CLAY --FILL--			1	6 3 2	3.25 P	16
	-0.1	Stiff to hard, gray gravelly SILTY CLAY	5		2	2 2 2	2.50 P	16
					3	3 4 5	1.48 B	15
			10		4	4 4 6	1.48 B	11
					5	2 4 5	3.94 B	14
			15		6	3 4 5	3.28 B	14
					7	1 4 4	3.28 B	15
			20		8	4 7 8	4.51 B	13
					9	5 10 13	2.87 B	12
			25		10	6 10 13	8.61 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 (%)
					11	6 8 12	7.63 B	12
	-24.6	Boring terminated at 30.00 ft	30		12	10 15 19	> 4.50 P	10
			35					
			40					
			45					
			50					

GENERAL NOTES

Begin Drilling 08-03-2004 Complete Drilling 08-03-2004
Drilling Contractor Patrick Drilling Drill Rig CME 75 TMR
Driller J&L Logger Y. Shiu 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.

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
6 AGH3 & 5 MMN5

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

10/15/2004 12:50:35 PM

P:\0237\Vroad\c02\s002s1N933d.dgn

10/13/04 W:\ANGENG\BC_414\07GL.SPJ W:\ANGENG\GDT

10/14/04 W:\ANGENG\BC_414\07GL.SPJ W:\ANGENG\GDT