F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-031I	COOK	476	552
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
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BORING LOG 6RMN1

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: 3.79 ft
North: 1856014.00 ft
East: 1177503.01 ft
Station: 8404+73
Offset: 15' RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	3.3	6-inch thick, brown SILTY CLAY LOAM --TOPSOIL--			1	4 5 12 12	NP	11
	2.3	Medium dense, brown SANDY LOAM --FILL--			2	8 4 3 3	2.21 B	12
	0.3	Very stiff, brown and gray CLAY						
		Very stiff to hard, gray SILTY CLAY	5		3	3 3 3 6	2.30 B	21
					4	3 4 5 6	2.79 B	18
			10		5	2 5 6 5	3.28 B	18
					6	2 4 6	3.44 B	18
			15		7	2 5 7	4.10 B	17
	-11.7	Medium dense, gray SILT, with sand interbeds			8	5 10 10	NP	17
	-15.2	Hard, gray SILTY CLAY	20		9	3 5 8	6.15 B	21
					10	5 8 10	6.81 B	13
			25		11	4 9 9	8.53 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 (%)
					12	6 12 13	8.53 B	12
			30		13	6 12 13	7.79	13
	-28.2	Medium dense, gray SILT						
	-31.2		35		14	3 5 5	NP	12
		Boring terminated at 35.00 ft						
			40					
			45					
			50					

GENERAL NOTES

Begin Drilling 08-18-2004 Complete Drilling 08-18-2004
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 ▽ 18.00 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.

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BORING LOG 6ROP3

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: 0.23 ft
North: 1857289.57 ft
East: 1177436.49 ft
Station: 8417+45
Offset: 60' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	0.4	8-inch thick, brown SILTY CLAY LOAM --TOPSOIL--			1	7 4 5	> 4.50 P	16
	1.1	Hard, brown gravelly SILTY CLAY --FILL--						
		Very stiff to hard, gray SILTY CLAY	5		2	4 2 3	2.62 B	18
					3	4 4 4	2.87 B	18
			10		4	3 4 5	3.12 B	17
					5	5 10 10	6.97 B	12
			15		6	5 7 8	5.49 S	13
					7	5 8 10	7.63 B	12
			20		8	5 6 10	8.69 B	12
					9	4 6 9	7.22 B	13
			25		10	4 7 10	8.04 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 (%)
					11	4 7 8	5.66 B	13
			30		12	3 10 14	6.31 S	13
	-34.3							
	-34.8	Very dense, gray SANDY LOAM	35		13	9 22 32	6.23 S	10
		Boring terminated at 35.00 ft						
			40					
			45					
			50					

GENERAL NOTES

Begin Drilling 08-18-2004 Complete Drilling 08-18-2004
Drilling Contractor Patrick Drilling Drill Rig CME 75 ATV
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.

LEGEND

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

TY LIN INTERNATIONAL

SHEET 29 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 RMN1 & 6 ROP3

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

10/15/2004 12:50:55 PM
P:\0237\Syscad\c02\s002\s293.dgn
RANGENGINC 414070I.GPJ WANGENG.GDT 10/14/04