F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-031I	COOK	976	550
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 5PEF2

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: 4.55 ft
North: 1849247.51 ft
East: 1177707.09 ft
Station: 2278+81
Offset: 93' RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	4.2	4-inch thick, brown SILTY CLAY LOAM --TOPSOIL--						
		Hard, brown SILTY CLAY --FILL--			1	3 5 5	> 4.50 P	15
	1.6	Stiff to very stiff, brown and gray CLAY	5		2	7 4 5	3.77 B	19
					3	3 4 4	1.39 B	20
			10		4	2 3 4	1.31 B	20
					5	1 2 4	1.56 B	21
	-8.5	Very stiff to hard, gray SILTY CLAY	15		6	2 7 9	3.28 B	15
					7	6 9 16	3.25 P	13
	-13.5	Medium dense, gray SILTY						
	-14.5	LOAM Hard, gray SILTY CLAY, with sand and silt interbeds	20		8	7 14 12	5.66 S	10
					9	7 12 19	9.76 S	10
			25		10	8 12 16	7.87 S	11
	-30.5	Boring terminated at 35.00 ft	35		11	6 9 10	4.43 S	12
					12	7 8 17	10.09 B	12
					13	16 29 37	> 4.50 P	10
			40					
			45					
			50					

GENERAL NOTES

Begin Drilling 08-16-2004 Complete Drilling 08-16-2004
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.

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BORING LOG 5PEF1

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: -4.55 ft
North: 1849700.83 ft
East: 1177672.38 ft
Station: 2283+35
Offset: 72' RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	-5.1	7-inch thick, brown SILTY CLAY LOAM						
		Hard, brown SILTY CLAY --FILL--			1	11 13 15	> 4.50 P	11
	-7.6	Hard, gray SILTY CLAY	5		2	12 17 19	> 4.50 P	10
					3	11 15 15	5.17 S	10
			10		4	10 17 16	6.40 S	11
					5	9 13 17	9.27 S	12
			15		6	6 13 23	7.46 S	12
					7	7 12 14	9.10 S	11
			20		8	6 13 14	8.45 S	11
	-26.1							
	-26.6	Very dense, gray SILT Hard, gray SILTY CLAY	25		9	14 41 37	> 10.25 B	12
					10	21 28 37	10.00 S	10
	-30.1		30		11	WOH		
	-30.3	--AUGER REFUSAL-- --BEDROCK-- Boring terminated at 25.70 ft				50/2	NP	
			35					
			40					
			45					
			50					

GENERAL NOTES

Begin Drilling 08-17-2004 Complete Drilling 08-17-2004
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 27 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 5 PEF2 & 5 PEF1

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

P:\2421\Cook\COR\SHEETS\2421_Sht_Boring_Logs_5PEF2_5PEF1.dgn
10/15/2004 12:50:54 PM
10/14/04 WANGENG.CDT 414070LOG.PJ WANGENG.INC