F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-031I	COOK	476	534
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 5MKL3

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: 3.81 ft
North: 1838836.53 ft
East: 1180490.04 ft
Station: 1128+26
Offset: 41' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	3.1	8-Inch thick, brown SILTY CLAY LOAM --TOPSOIL--						
		Very stiff to hard, brown and gray SILTY CLAY			1	4 5 6	3.77 B	19
			5		2	4 4 6	3.28 B	18
					3	3 5 7	4.51 B	20
			10		4	3 5 9	3.44 B	20
	-6.7	Very stiff, brown CLAY			5	2 6 8	2.08 B	9
	-9.2	Very stiff to hard, SILTY CLAY			6	2 5 6	3.94 B	15
			15		7	2 6 8	5.17 B	14
			20		8	7 9 12	7.38 B	14
					9	7 12 12	7.63 B	14
			25		10	11 20 23	> 4.50 P	11
	-26.2	Boring terminated at 30.00 ft	30		11	11 27 40	> 4.50 P	12
					12	21 31 44	> 4.50 P	11
			35					
			40					
			45					
			50					

GENERAL NOTES				WATER LEVEL DATA		
Begin Drilling	08-06-2004	Complete Drilling	08-06-2004	While Drilling	▽	DRY
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	▼	DRY
Driller	K&M	Logger	B. Fugiel	Checked by	N. Davis	
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion			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 5MKL2

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: 5.62 ft
North: 1838812.25 ft
East: 1180036.87 ft
Station: 1132+79
Offset: 52' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	5.1	6-Inch thick, brown SILTY CLAY LOAM --TOPSOIL--						
		Very stiff to hard, gray SILTY CLAY			1	4 4 5	4.10 B	19
			5		2	4 4 5	3.28 B	24
					3	2 4 6	2.12 B	20
			10		4	1 4 5	4.92 B	24
	-4.9	Stiff, gray CLAY			5	1 3 5	1.64 B	26
	-7.4	Very stiff, gray SILTY CLAY LOAM, with sand interbeds		▽	6	1 3 6	2.50 P	28
	-9.9	Very stiff to hard, gray SILTY CLAY	15		7	5 6 8	2.46 B	13
			20		8	7 13 21	> 4.50 P	12
					9	12 14 19	6.15 S	13
	-17.4	Very dense, gray SILT	25		10	19 24 35	NP	14
	-19.4	Boring terminated at 25.00 ft	30					
			35					
			40					
			45					
			50					

GENERAL NOTES				WATER LEVEL DATA		
Begin Drilling	08-06-2004	Complete Drilling	08-06-2004	While Drilling	▽	14.00 ft
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	▼	DRY
Driller	J&L	Logger	B. Fugiel	Checked by	N. Davis	
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion			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
5 MKL3 & 5 MKL2

S.N.
SCALE: N.T.S.
DATE: OCTOBER 29, 2004

DESIGNED BY: DJR
DRAWN BY: DJR
CHECKED BY: TD

P:\0237\Drawing\02\0237W02.dgn 10/15/2004 12:50:18 PM
WANGENGINC 414070LOG.PJ WANGENG.GDT 10/13/04