F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-031I	COOK	976	540
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 5PIJ3

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: 6.21 ft
North: 1849238.45 ft
East: 1177448.83 ft
Station: 1278+60
Offset: 104' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
5.5	8-Inch thick, brown SILTY CLAY LOAM --TOPSOIL--					
	Loose, brown SAND --FILL--		1	4 3 3	NP	7
3.2	Very stiff, gray SILTY CLAY	5	2	4 3 3	2.87 B	20
0.7	Stiff, gray CLAY		3	2 2 3	1.80 B	21
		10	4	2 2 3	1.39 B	20
-4.3	Stiff to hard, gray SILTY CLAY		5	2 3 2	1.23 B	19
		15	6	2 4 5	3.94 B	15
			7	9 14 13	4.26 S	12
		20	8	5 7 13	6.56 B	13
		25	9	6 13 13	5.00 S	11
-25.8	Hard, gray SILTY CLAY	30	10	8 16 15	2.71 S	22
-28.8		35	11	28 34 45	> 4.50 P	9
	Boring terminated at 35.00 ft	40				
		45				
		50				

GENERAL NOTES

Begin Drilling: 08-09-2004 Complete Drilling: 08-09-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 ATV
Driller: J&L Logger: J. Kasnick Checked by: L.I.
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.

BORING LOG 5PIJ2

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: 8.63 ft
North: 1849692.02 ft
East: 1177411.52 ft
Station: 1283+15
Offset: 128' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	Stiff, black and gray CLAY LOAM --FILL--					
6.6	Loose to medium dense, fine SAND		1	5 5 5	NP	7
		5	2	7 4 5	NP	11
2.4	Stiff gray CLAY		3	2 3 4	1.97 B	19
		10	4	1 2 3	1.56 B	19
			5	1 2 3	1.72 B	20
		15	6	1 2 3	1.72 B	18
-6.9	Stiff to hard, gray gravelly SILTY CLAY to SILTY CLAY LOAM		7	9 17 20	> 4.50 P	10
		20	8	9 13 17	1.64 S	10
			9	8 12 15	5.90 B	11
		25	10	8 13 15	6.23 S	11
		30	11	9 12 16	6.72 B	12
			12	9 12 24	4.26 S	12
-26.4		35	13		4.43 B	11
	Boring terminated at 35.00 ft	40				
		45				
		50				

GENERAL NOTES

Begin Drilling: 08-25-2004 Complete Drilling: 08-25-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: N. Davis Checked by: E. Datz
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

T·Y·LIN INTERNATIONAL

SHEET 17 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 PIJ3 & 5 PIJ2

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

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