F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-031I	COOK	476	547
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62583

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
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1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
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BORING LOG 6MIJ3

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: -5.03 ft
North: ft
East: ft
Station: 2027+51
Offset: 64' RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)
-5.5	6-inch thick, black CLAY LOAM --TOPSOIL--	
	Stiff to hard, gray SILTY CLAY	
-30.5	Dense, gray SAND	
	Stiff, gray SILTY CLAY, with gravel	
-38.3		
-39.0	Dense, gray, coarse GRAVELLY SAND	
-40.0	Stiff, gray SILTY CLAY, with gravel	
	Boring terminated at 35.00 ft	

Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
1	7 12 10	1.15 B	13
2	8 10 8	3.53 B	12
3	8 9 11	>4.50 P	11
4	5 5 5	2.21 B	13
5	6 5 6	3.12 B	15
6	5 4 6	3.94 B	15
7	5 4 4	2.21 B	16
8	2 1 1	1.07 B	18
9	4 6 6	4.10 B	13
10	16 17 14	3.85 B	12
11	11 16 17	2.62 B	14
12	11 15 14	6.56 B	14
13	25 20 19	1.97 B	12

GENERAL NOTES

Begin Drilling: 08-13-2004 Complete Drilling: 08-13-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 ATV
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: 25.50 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 5MAB1

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: 8.67 ft
North: 1840093.66 ft
East: 1178147.09 ft
Station: 2032+41
Offset: 87' RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)
8.2	6-inch thick, black CLAY LOAM --TOPSOIL--	
	Very stiff, brown and gray SILTY CLAY	
3.2	Medium dense, gray SILTY LOAM	
0.7	Medium dense, gray, coarse SAND	
-1.8	Hard, gray gravelly SILTY CLAY	
-6.8	Very stiff, gray CLAY	
-10.3		
-10.8	Medium dense, gray, coarse SAND	
	Hard, gray SILTY CLAY	
-16.8	Dense to very dense, gray SILT	
-21.1	Hard, gray SILTY CLAY	
-26.3	Boring terminated at 35.00 ft	

Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
1	5 4 4	3.77 B	16
2	4 3 3	2.95 B	18
3	6 8 8	NP	17
4	3 8 9	NP	13
5	7 10 12	7.54 B	12
6	3 5 5	4.35 B	13
7	3 5 6	3.22 B	17
8	2 7 7	3.85 B	18
9	5 8 9	7.71 B	12
10	14 24 18	9.18 S	12
11	28 32 42	NP	18
12	22 24 19	NP	15
13	6 10 17	4.67 B	18

GENERAL NOTES

Begin Drilling: 08-12-2004 Complete Drilling: 08-13-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 ATV
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

SHEET 24 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 MIJ3 & 5 MAB1

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

10/15/2004 12:50:51 PM