F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	916	841
STA. 1930+65 (NB I-57) 1930+48 (NB FORD)		TO STA. 2316+00 (NB RYAN)		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* (1516.1, 1717, & 1818) R-4

62304

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 P-077

WEI Job No.: 414-07-01

Client: T. Y. LIN International, Inc.
Project: Dan Ryan Contracts 62304 (20) and 62593 (23)
Location: City of Chicago, Cook County, Illinois

Datum: CCD
Elevation: 2.96 ft
North: 1843567.67 ft
East: 1177772.50 ft
Station: 2222+01
Offset: 4' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
2.3	8-inch thick CONCRETE --PAVEMENT--				
2.0	4-inch thick CRUSHED STONE --BASE COURSE--				
1.2	Loose, brown SAND --FILL--	1	13 3 4 5	NP	11
	Very stiff, gray CLAY	2	4 3 3 6	2.75 P	20
-1.8	Hard, gray SILTY CLAY	3	9 9 11 14	> 4.50 P	11
		4	6 10 11 11	> 4.50 P	10
-8.0		5	4 8 7 9	> 4.50 P	12
	Boring terminated at 11.00 ft				

GENERAL NOTES

Begin Drilling: 10-09-2003 Complete Drilling: 10-09-2003
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: K&B Logger: Y. Shiu Checked by: MLS
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 P-078

WEI Job No.: 414-07-01

Client: T. Y. LIN International, Inc.
Project: Dan Ryan Contracts 62304 (20) and 62593 (23)
Location: City of Chicago, Cook County, Illinois

Datum: CCD
Elevation: 1.44 ft
North: 1842984.04 ft
East: 1177792.77 ft
Station: 2216+17
Offset: 0.5' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
0.8	8-inch thick CONCRETE --PAVEMENT--				
0.4	4-inch thick CRUSHED STONE --BASE COURSE--				
	Very stiff to hard, gray SILTY CLAY LOAM --A-4 (3)-- --LL=25%, PL=18%--	1	5 3 3 5	2.25 P	16
		2	4 12 17 16	> 4.50 P	12
		3	16 19 18 16		
		4	8 15 11 13	> 4.50 P	10
-9.6		5	5 8 8 9	> 4.50 P	12
	Boring terminated at 11.00 ft				

GENERAL NOTES

Begin Drilling: 10-08-2003 Complete Drilling: 10-09-2003
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: K&B Logger: Y. Shiu Checked by: MLS
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.

WANGENGINC 414-07-01.C20.C23.GPJ WANGENG.GDT 11/18/05

LEGEND

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

TY·LIN INTERNATIONAL

SHEET 27 OF 89

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
SOIL BORINGS P-077 & P-078

SCALE: N.T.S. DRAWN BY: RTM
DATE: MARCH 7, 2006 CHECKED BY: MPG