F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	907	454
STA. 1200+00.00		TO STA. 1365+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* (1516.1, 1717 & 1818) R-9

62695

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 SB 34-03

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: 16.36 ft
North: 1842582.29 ft
East: 1177612.40 ft
Station: 1212+02.3
Offset: 130.806' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
15.9	6-inch thick, CONCRETE --PAVEMENT--					
15.4	6-inch thick, CRUSHED STONE --BASE COURSE--					
	Very stiff, black and gray CLAY --FILL--		1	9 4 7	2.62 B	23
		5	2	4 5 5	2.87 B	26
10.9	Soft to stiff, gray CLAY					
			3	3 3 4	1.48 B	20
		10	4	1 3 3	0.41 B	19
			5	0 0 0	1.00 P	20
		15	6	0 0 0	0.33 B	23
0.9	Very stiff, gray CLAY					
			7	4 5 10	2.54 B	24
-2.1	Medium dense, gray SILT					
-2.5	Medium dense, gray medium SAND	20	8	5 7 7	NP	27
-4.1	Very stiff to hard, gray SILTY CLAY, with gravel					
			9	9 11 11	3.85 B	13
		25	10	6 8 9	3.77 B	13

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
			30	11	6 7 14	3.36 B	17
				12	12 13 14	3.03 B	11
			35	13	9 14 20	4.51 B	11
			40	14	11 13 14	4.10 B	14
	-28.6	Boring terminated at 45.00 ft	45	15	20 25 31	2.05 B	9
			50				

GENERAL NOTES

Begin Drilling: 02-06-2004 Complete Drilling: 02-06-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: T&D Logger: Y. Shiu Checked by: N. Davis
Drilling Method: 3.25" ID HSA; Boring backfilled with bentonite upon completion

WATER LEVEL DATA

While Drilling: 19.00 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.

WANGENGINC 414070LGPJ WANGENG.GDT 2/17/04

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Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG SB 34-04

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: 16.30 ft
North: 1842660.75 ft
East: 1177612.55 ft
Station: 1212+80.7
Offset: 128.401' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
15.8	6-inch thick, CONCRETE --PAVEMENT--					
15.3	6-inch thick, CRUSHED STONE --BASE COURSE--					
	Stiff to very stiff, black, brown, and gray CLAY --FILL--		1	13 9 8	2.05 S	23
		5	2	5 5 7	1.07 B	23
10.8	Soft to stiff, brown and gray CLAY					
			3	3 4 5	1.48 B	21
		10	4	1 3 4	0.74 B	21
			5	0 1 3	0.66 B	22
		15	6	0 1 1	0.25 B	24
-0.7	Very stiff, gray SILTY CLAY					
			7	0 2 7	0.25 B	20
-1.9	Medium dense, gray medium SAND	20	8	4 7 10	NP	16
-6.5	Stiff to hard, gray CLAY to SILTY CLAY, with gravel					
			9	0 7 11	NP	19
		25	10	8 8 10	4.35 B	14

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
			30	11	11 8 16	7.51 B	22
				12	14 12 14	2.71 B	15
			35	13	12 16 15	3.28 B	12
			40	14	8 10 15	3.44 B	15
	-28.7	Boring terminated at 45.00 ft	45	15	22 27 26	1.80 B	10
			50				

GENERAL NOTES

Begin Drilling: 02-06-2004 Complete Drilling: 02-06-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: T&D Logger: Y. Shiu Checked by: N. Davis
Drilling Method: 3.25" ID HSA; Boring backfilled with bentonite upon completion

WATER LEVEL DATA

While Drilling: 20.50 ft
At Completion of Drilling: 14.10 ft
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 414070LGPJ WANGENG.GDT 2/17/04

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
RETAINING WALL ALONG LAFAYETTE AVE.
EXIT RAMP TO 95TH ST.
WALL 34
BORING LOGS SB34-03 & SB34-04

S.N. 016-W946 DESIGNED BY: DJR
SCALE: N.T.S. DRAWN BY: DJR
DATE: MARCH 25, 2005 CHECKED BY: TD

T·Y·LIN INTERNATIONAL

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