F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	907	456
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
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BORING LOG SB 34-07

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: 15.59 ft
North: 1842880.89 ft
East: 1177616.17 ft
Station: 1215+00.7
Offset: 118.483' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	15.6	2-inch thick, ASPHALT --PAVEMENT--						
	14.8	8-inch thick, CONCRETE --PAVEMENT--						
	14.4	4-inch thick, CRUSHED STONE --BASE COURSE--						
	13.6	Hard, black, brown, and gray SILTY CLAY --FILL--						
		Medium stiff to hard, brown and gray SILTY CLAY to CLAY	5		1	14 19 9	4.50 P	23
					2	3 5 6	2.30 B	28
					3	3 4 5	1.23 B	29
	6.8	Soft, gray CLAY	10		4	3 3 4	0.25 B	33
	6.1	Loose, gray SAND						
	4.9	Very soft to stiff, gray CLAY			5	1 2 2	0.16 B	35
			15		6	1 2 2	0.08 B	23
					7	4 6 22	1.23 B	18
	-2.4	Hard, gray SILTY CLAY LOAM						
	-3.4	Dense, gray GRAVELLY SAND	20		8	12 22 25	4.50 P	10
	-4.9	Very dense, gray SILT						
	-5.9	Very stiff to hard, SILTY CLAY to SILTY CLAY LOAM, with gravel			9	24 30 31	4.50 P	12
			25		10	13 17 22	7.13 B	13
	-24.4	Boring terminated at 40.00 ft	40		11	11 15 24	3.85 B	17
					12	14 19 22	2.46 S	13
			35		13	17 20 28	6.97 S	11
					14	22 30 41	7.95 S	15
			45					
			50					

GENERAL NOTES

Begin Drilling 02-06-2004 Complete Drilling 02-06-2004
Drilling Contractor DLZ Drilling Drill Rig Mobile B-59 TMR
Driller J&E Logger J. Kasnick Checked by N. Davis
Drilling Method 3.25" ID HSA; Boring backfilled with bentonite upon completion

WATER LEVEL DATA

While Drilling ▽ 10.50 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 SB 34-08

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: 15.34 ft
North: 1842955.18 ft
East: 1177620.87 ft
Station: 1215+74.8
Offset: 111.663' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	15.1	2-inch thick, ASPHALT --PAVEMENT--						
	14.5	8-inch thick, CONCRETE --PAVEMENT--						
	13.8	8-inch thick, CRUSHED STONE --BASE COURSE--						
		Medium stiff, black and gray CLAY --FILL--			1	15 7 3	0.75 P	26
	11.3	Stiff, gray CLAY	5		2	6 2 3		
	8.3	Very soft to medium stiff, gray CLAY			3	2 2 2	0.66 B	22
			10		4	2 1 1	0.33 B	21
					5	0 1 1	0.33 B	22
	2.3	Loose, gray SAND						
	2.0	Very soft, gray CLAY	15		6	0 1 1	0.08 B	24
	-1.2	Medium dense, gray SILT			7	2 7 10	NP	19
	-2.9	Very stiff to hard, gray SILTY CLAY, with gravel and interbeds of sand	20		8	8 11 11	4.50 P	11
					9	6 11 13	4.50 P	11
			25		10	7 11 12	4.50 P	9
	-23.1	Very dense, gray SILTY LOAM						
	-24.7	Boring terminated at 40.00 ft	40		11	6 7 10	4.43 B	12
					12	6 9 10	3.61 B	13
			35		13	7 11 14	4.18 B	12
					14	10 35 42	NP	12
			45					
			50					

GENERAL NOTES

Begin Drilling 02-06-2004 Complete Drilling 02-06-2004
Drilling Contractor Patrick Drilling Drill Rig CME 75 TMR
Driller J&L Logger N. Davis Checked by S. Janowski
Drilling Method 3.25" ID HSA; Boring backfilled with bentonite upon completion

WATER LEVEL DATA

While Drilling ▽ 13.00 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.

WANGENG.GDT 2/17/04
WANGENG 414070LGPJ

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 SB34-07 & SB34-08

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

03/29/2005 03:27:41 PM