F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	907	564
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
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1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
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BORING LOG SB A3-03

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: 9.51 ft
North: 3.00 ft
East: 0.00 ft
Station: 1268+64.56
Offset: 138.90' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
9.7	10-inch thick TOPSOIL					
9.0	Loose, gray SANDY GRAVEL					
	Loose, brown SAND		1	3 4 5	NP	15
		5	2	2 2 3	NP	19
4.0	Very soft to medium stiff, gray CLAY		3	2 2 3	0.74 B	23
		10	4	2 2 3	0.66 B	23
			5	0 1 3	0.16 B	23
		15	6	0 0 3	0.41 B	21
-6.0	Hard, gray SILTY CLAY with Gravel		7	4 12 15	4.92 B	17
		20	8	10 14 15	6.56 B	12
			9	7 11 15	5.82 B	
		25	10	4 11 15	5.41 B	
		30	11	9 15 24	6.89 B	
			12	11 17 18	5.91 B	
		35	13	25 37 55	> 4.50 P	
-30.5		40	14	26 39 40	5.33 S	
	Boring terminated at 40.00 ft					

GENERAL NOTES

Begin Drilling: 04-20-2004 Complete Drilling: 04-26-2004
Drilling Contractor: Patrick Drill Rig: CME 75 TMR
Driller: K&L Logger: N. Davis 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.

BORING LOG SB A3-04

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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: 9.85 ft
North: 4.00 ft
East: 0.00 ft
Station: 1269+39.49
Offset: 135.60' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	14-inch thick TOPSOIL					
8.7	Loose to medium dense, brown SAND		1	6 5 5	NP	14
		5	2	5 4 4	NP	18
4.4	Medium stiff to stiff, gray CLAY		3	2 3 5	1.80 B	21
		10	4	2 2 3	0.74 B	21
			5	1 2 3	0.66 B	21
		15	6	1 1 4	0.82 B	20
-6.2	Hard, gray SILTY CLAY		7	3 9 14	NP	16
-6.9	Medium dense, gray SILTY LOAM					
-8.2	Very stiff to hard, gray SILTY CLAY					
		20	8	6 8 11	4.51 B	14
			9	6 8 8	4.84 B	13
		25	10	4 6 9	3.77 B	13
		30	11	7 9 13	6.72 B	12
			12	6 8 12	4.92 B	13
-22.2	Dense, gray SILT					
		35	13	16 25 29	NP	19
-27.2	Hard, gray SILTY CLAY					
		40	14	21 23 31	> 4.50 P	10
-31.2	Very dense, gray GRAVELLY SAND					
-34.5		45	15	19 50/4	NP	12
	Boring terminated at 44.33 ft					

GENERAL NOTES

Begin Drilling: 04-20-2004 Complete Drilling: 04-20-2004
Drilling Contractor: Patrick Drill Rig: CME 75 TMR
Driller: K&L Logger: N. Davis Checked by: MLS
Drilling Method: 3.25" ID HSA; Boring backfilled with bentonite upon completion

WATER LEVEL DATA

While Drilling: 41.00 ft
At Completion of Drilling: 29.00 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.

SHEET 11 OF 11

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)
RETAINING WALL ALONG LAFAYETTE AVE.
EXIT RAMP AT AIS #3
AIS 3
BORING LOG SB A3-05

S.N. 016-W958 DESIGNED BY: DJR
SCALE: N.T.S. DRAWN BY: DJR
DATE: MARCH 25, 2005 CHECKED BY: TD

TY·LIN INTERNATIONAL

N:\02\37\Structure\CTD\dgn_files\DDR8\D33a_w958.dgn 03/29/2005 03:56:27 PM
WANGENGINC 414070L.GPJ WANGENG.GDT 4/27/04