F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	561
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* (1516.1, 1717 & 1818) R-8

62694

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 06-07

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: 7.87 ft
North: 1847545.46 ft
East: 1177785.21 ft
Station: 2261+77
Offset: 123.0' RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (b/w/6 in)	Qu (tsf)	Moisture Content (%)
7.1	3-inch thick ASPHALT over 6-inch thick CONCRETE --PAVEMENT--					
6.5	8-inch thick CRUSHED STONE --BASE COURSE--		1	11 4 3	0.25 P	26
	Soft, gray CLAY --FILL--	5	2	2 2 3	0.25 P	26
2.4	Loose, gray SILTY LOAM --FILL--		3	1 2 2	NP	20
-0.1	Medium dense, BRICKS and GRAVEL --FILL--	10	4	2 13 15	NP	20
-2.6	Stiff to hard, gray CLAY		5	2 3 4	1.00 P	22
		15	6	6 10 14	4.00 P	19
-7.6	Medium dense, gray SILTY LOAM		7	4 9 15	NP	15
		20	8	7 11 14	NP	13
-12.6	Hard, gray SILTY CLAY		9	3 5 8	> 4.50 P	12
		25	10	7 9 12	> 4.50 P	12

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (b/w/6 in)	Qu (tsf)	Moisture Content (%)
-20.1	Dense to very dense, gray SILTY LOAM		11	5 9 12	4.00 P	12
		30	12	7 12 22	NP	11
		35	13	23 43 50/.2	NP	11
-27.6	Boring terminated at 35.50 ft					
		40				
		45				
		50				

GENERAL NOTES

Begin Drilling: 02-24-2004 Complete Drilling: 02-24-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: T&B Logger: H. Suhail 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.

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Lombard, IL 60148
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Fax: 630 953-9938

BORING LOG SB 06-08

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: 7.81 ft
North: 1847470.54 ft
East: 1177789.12 ft
Station: 2261+02
Offset: 124.0' RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (b/w/6 in)	Qu (tsf)	Moisture Content (%)
6.9	2-inch thick ASPHALT over 9-inch thick CONCRETE --PAVEMENT--					
6.6	Medium dense, brown SANDY LOAM --FILL--		1	9 6 4	4.00 P	17
4.8	Hard, black and gray CLAY --FILL--					
	Medium stiff to stiff, gray CLAY	5	2	2 4 4		
			3	0 0 0	0.66 B	20
		10	4	0 0 0	0.66 B	20
			5	2 2 4	0.98 B	16
		15	6	2 3 5	1.97 B	18
-8.4	Very stiff to hard, gray SILTY CLAY to SILTY CLAY LOAM		7	4 7 9	2.79 S	14
		20	8	4 10 10	> 4.50 P	13
			9	3 4 6	3.28 S	13
		25	10	2 4 11	3.69 S	12

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (b/w/6 in)	Qu (tsf)	Moisture Content (%)
-18.7	Dense, gray gravelly LOAM		11	9 14 18	NP	9
-20.2	Very stiff, gray gravelly SILTY CLAY LOAM, with interbeds of silt	30	12	8 14 20	3.69 S	10
-26.2	Very dense, gray gravelly SILTY LOAM	35	13	11 30 60	NP	13
-28.7 -28.8	--AUGER REFUSAL-- Boring terminated at 36.60 ft		14	34 50/.1	NP	8
		40				
		45				
		50				

GENERAL NOTES

Begin Drilling: 02-23-2004 Complete Drilling: 02-23-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: N. Davis Checked by: L. Iordache
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.

SHEET 22 OF 23

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)
RETAINING WALL ALONG STATE ST.
ENTRANCE RAMP FROM 87TH ST.
WALL 6

BORING LOGS SB06-07 & SB06-08

S.N. 016-W945 DESIGNED BY: DJR
SCALE: N.T.S. DRAWN BY: DJR
DATE: MARCH 18, 2005 CHECKED BY: TD

TY-LIN INTERNATIONAL

R:\02373\structure\Cfl\Wall 06\sb07_dJR\R043a_w956.dgn
03/25/2005 11:09:10 AM