F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	481
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
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BORING LOG SB 02-15

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: 19.86 ft
North: 1843528.15 ft
East: 1177911.47 ft
Station: 2221+57.8
Offset: 133.873' RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
19.7	2-inch thick, ASPHALT --PAVEMENT--					
19.1	8-inch thick, CONCRETE --PAVEMENT--					
	Loose, brown SANDY LOAM --FILL--		1	8 5 3	NP	13
16.9	Medium stiff to stiff, gray CLAY	5	2	4 2 2	0.75 P	21
			3	2 2 2	1.56 B	23
		10	4	2 1 1	0.82 B	24
9.4	Very soft to soft, gray CLAY		5	2 1 2	0.41 B	22
		15	6	1 1 1	0.25 B	22
			7	0 1 1	0.25 P	20
		20	8	1 1 1	0.33 B	23
-1.6	Very stiff, gray CLAY, with gravel		9	1 3 9	2.05 B	17
-3.8	Medium dense to dense, gray SAND to SANDY LOAM	25	10	9 11 11	NP	13
-6.6	Hard, gray SILTY CLAY, with gravel		11	15 18 17	NP	11
		30	12	5 6 10	4.84 B	13
		35	13	7 8 9	4.92 B	13
-18.8	Very dense, gray SILTY LOAM, with gravel	40	14	9 28 33	5.08 S	10
-24.9	BEDROCK POSSIBLE BOULDER or --AUGER REFUSAL--	45	15	20 30 50/3	NP	10
	Boring terminated at 44.75 ft	50				

GENERAL NOTES

Begin Drilling: 01-13-2004 Complete Drilling: 01-13-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&B Logger: K. Jacob 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.

WANGENGINC 414070LGPJ WANGENG.GDT 2/10/04

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BORING LOG SB 02-16

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: 3.60 ft
North: 1843453.44 ft
East: 1177847.20 ft
Station: 2220+84.9
Offset: 67.486' RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
3.1	6-inch thick, black LOAM --TOPSOIL--					
	Very stiff, gray CLAY, with gravel		1	2 4 5	3.61 B	
0.4	Medium stiff, gray CLAY	5	2	2 2 3	0.57 B	
-1.9	Very stiff to hard, gray SILTY CLAY, with gravel		3	6 5 9	4.26 B	
		10	4	7 9 13	4.76 B	
			5	6 9 13	4.84 B	
		15	6	9 15 17	4.76 B	
			7	9 12 19	3.44 B	13
		20	8	6 9 15	6.07 B	13
			9	8 11 26	3.85 B	14
		25	10	18 27 33	4.50 P	10
-21.9	Very dense, gray SILTY LOAM, with gravel		11	29 46 50/3	NP	11
		30	12	42 28 50/4	NP	
-29.9	--BEDROCK--RUN 33.5'-41' 97% REC 59% RQD	35	13	50/3	NP	
-37.4	Boring terminated at 41.00 ft	40				
		45				
		50				

GENERAL NOTES

Begin Drilling: 01-28-2004 Complete Drilling: 02-04-2004
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: 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 414070LGPJ WANGENG.GDT 5/11/04

SHEET 32 OF 33

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
RETAINING WALL ALONG STATE ST.
93RD ST. TO 91ST ST.
WALL 2B
BORING LOGS SB02-15 & SB02-16

S.N. 016-W961 DESIGNED BY: DJR
SCALE: N.T.S. DRAWN BY: DJR
DATE: MARCH 18, 2005 CHECKED BY: TD

T·Y·LIN INTERNATIONAL

03/25/2005 11:08:13 AM
P:\02373structure\C17Wall 02B\sb17aDrsrb08.3a_w961.dgn