F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	907	583

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 72-01

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 69th Street

Datum: CCD
Elevation: 8.32 ft
North: 1852850.00 ft
East: 1177324.00 ft
Station: 1314+76
Offset: 124' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
8.1	3-inch thick ASPHALT --PAVEMENT--					
6.9	14-inch thick CONCRETE --PAVEMENT--					
6.4	Black CLAY with glass, cinders and debris --FILL--		1	15 8 8	NP	8
	Medium dense, brown fine SAND to SANDY LOAM	5	2	10 11 11		20
2.3	Soft to medium Stiff, gray CLAY		3	2 3 4	0.50 B	20
		10	4	3 3 4	0.40 B	22
			5	4 5 5	0.50 B	18
		15	6	4 6 6	0.60 B	19
-7.7	Very stiff, gray CLAY		7	6 8 7	0.50 B	18
		20	8	8 7 8	2.70 B	19
-12.7	Hard, gray SILTY CLAY		9	10 12 13	4.59 S	12
		25	10	11 12 18	6.48 S	11
-17.7	Very stiff, SILTY CLAY		11	7 9 10	3.85 B	14
		30	12	7 8 11	3.85 B	14
		35	13	7 10 13	3.69 S	13
-29.2	Hard, gray SILTY CLAY					
		40	14	18 23 47	10.00 S	12
-36.7	Boring terminated at 45.00 ft	45	15	19 25 45	10.25 S	10
		50				

GENERAL NOTES

Begin Drilling: 01-05-2004 Complete Drilling: 01-05-2005
Drilling Contractor: DLZ Drilling Drill Rig: Mobile B-59 TMR
Driller: E&J Logger: B. Panozzo Checked by: END
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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BORING LOG SB 72-02

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 69th Street

Datum: CCD
Elevation: 8.09 ft
North: 1852938.00 ft
East: 1177320.00 ft
Station: 1315+65
Offset: 124' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
7.8	3-inch thick ASPHALT --PAVEMENT--					
6.6	15-inch thick CONCRETE --PAVEMENT--		1	6 5 8	NP	10
6.1	Black CLAY with cinders, glass and debris --FILL--					
	Medium dense, brown SAND to SANDY LOAM	5	2	12 13 14		18
2.1	Stiff to very stiff, gray CLAY		3	4 4 6	2.10 B	16
		10	4	3 4 5	1.90 B	13
			5	3 5 6	1.20 B	19
		15	6	3 4 7	1.30 B	19
			7	5 8 10	2.30 B	17
		20	8	5 10 11	2.60 B	16
-12.9	Hard, gray SILTY CLAY		9	7 10 16	6.72 B	13
		25	10	8 10 16	7.54 B	13
		30	11	9 15 16	4.50 P	13
			12	10 13 21	4.60 B	13
		35	13	17 18 24		
		40	14	14 20 35		
-36.9	Boring terminated at 45.00 ft	45	15	16 23 38		14
		50				

GENERAL NOTES

Begin Drilling: 01-05-2004 Complete Drilling: 01-05-2004
Drilling Contractor: DLZ Drilling Drill Rig: Mobile B-59
Driller: E&J Logger: B. Panozzo Checked by: END
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.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
SOUTHBOUND EXIT RAMP RETAINING WALL
AT 79TH ST.
WALL 72
BORING LOGS SB72-01 & SB72-02

S.N. 016-W971 DESIGNED BY: DJR
SCALE: N.T.S. DRAWN BY: DJR
DATE: MARCH 25, 2005 CHECKED BY: TD

TY·LIN INTERNATIONAL

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MANGENGINC 414070L.GPJ WANGENG.GDT 1/25/05