F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	764	716

STA. 88+60 (SB I-57) 1126+91 (SB FORD) TO STA. 1313+00 (SB RYAN)

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

• (1516.1, 1717, & 1818) R-5

62593

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
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Telephone: 630 953-9928
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BORING LOG SB 34-13

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 Souh of 69th Street

Datum: CCD
Elevation: 7.03 ft
North: 1843325.93 ft
East: 1177642.30 ft
Station: 1219+44.8
Offset: 79.627' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
6.0	12-inch thick, brown SILTY LOAM --TOPSOIL--						
	Hard, black and brown SILTY CLAY, with gravel		X	1	11 33 22	9.76 S	14
4.0	--FILL--						
	Hard, brown SILTY CLAY		X	2	11 19 16	>4.50 P	13
1.5		5					
0.8	Medium dense, gray SILT						
	Soft to medium stiff, gray CLAY		X	3	3 5 4	0.66 B	21
-2.2							
	Hard, gray SILTY CLAY, with gravel		X	4	2 3 9	0.33 B	21
		10					
			X	5	12 25 30	7.79 S	11
			X	6	10 17 20	5.90 S	12
		15					
			X	7	10 18 23	7.63 B	14
			X	8	12 21 31	10.00 S	11
		20					
			X	9	20 26 28	9.43 S	12
			X	10	8 12 17	6.97 B	12
		25					
-23.0		30					
	Boring terminated at 30.00 ft		X	11	20 43 61	7.71 S	11
			X	12	26 52 51	10.25 S	10
		35					
		40					
		45					
		50					

GENERAL NOTES

Begin Drilling: 02-05-2004 Complete Drilling: 02-05-2004
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: ▽ 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 39-04

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 Souh of 69th Street

Datum: CCD
Elevation: -8.88 ft
North: 1846618.85 ft
East: 1177569.95 ft
Station: 1252+38.4
Offset: 57.689' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
-9.6	8-inch thick CONCRETE --PAVEMENT--						
-10.1	6-inch thick CRUSHED STONE --BASE COURSE--						
	Medium dense to dense, black to brown SAND		X	1	12 24 20	NP	7
-13.4							
	Hard, gray CLAY		X	2	24 12 6	NP	17
		5					
			X	3	5 5 7	4.35 B	13
			X	4	7 5 10	6.64 B	12
		10					
			X	5	4 8 14	5.17 B	11
-21.9							
	Hard, gray SILTY CLAY, with gravel		X	6	5 25 27	>4.50 P	9
		15					
			X	7	13 33 49	>4.50 P	8
			X	8	14 32 34	>4.50 P	8
		20					
			X	9	15 42 11	>4.50 P	8
			X	10	22 46 50/1	>4.50 P	7
		25					
-34.4							
	Very dense, gray SILTY LOAM, with gravel		X	11	25 48 50/3	NP	10
-38.1			X	12	40 50/3	NP	8
	Boring terminated at 29.25 ft	30					
		35					
		40					
		45					
		50					

GENERAL NOTES

Begin Drilling: 01-28-2004 Complete Drilling: 01-28-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: K. Jacob Checked by: S. Janowski
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 WANGENGINC.GDT 10/7/05

LEGEND

NP	NON-PLASTIC
B	BULGE FAILURE
S	SHEAR FAILURE
P	POCKET PENETROMETER

TY·LIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
SOIL BORINGS SB 34-13 & SB 39-04

SCALE: N.T.S. DRAWN BY: MPG
DATE: MARCH 1, 2006 CHECKED BY: JPM