F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	764	739
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.
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BORING LOG P-141

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: 2.82 ft
North: 1846031.62 ft
East: 1177587.22 ft
Station: 1246+50.91
Offset: 57.24' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	2.7	2-inch thick ASPHALT --PAVEMENT--						
	1.8	10-inch thick CRUSHED STONE --BASE COURSE--						
		Stiff to hard, gray SILTY CLAY --A-6 (8)-- --LL=31%, PL=20%--			1	4 2 2 2	1.75 P	18
					2	2 1 2 3	1.50 P	20
			5		3	2 2 2 4	1.50 P	19
					4	2 9 9 13	> 4.50 P	11
			10		5	7 12 16 12	> 4.50 P	11
	-8.2	Boring terminated at 11.00 ft						
			15					
			20					

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)

GENERAL NOTES

Begin Drilling: 06-25-2003 Complete Drilling: 06-25-2003
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&B Logger: Y. Shiu 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.

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BORING LOG P-142

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: 2.58 ft
North: 1845538.77 ft
East: 1177585.94 ft
Station: 1241+58.31
Offset: 72.63' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	1.8	9-inch thick, black SANDY LOAM --TOPSOIL--			1	4 10 10 6	NP	12
		Medium dense, gray, coarse SAND --FILL--						
	0.3	Stiff to hard, gray CLAY			2	8 8 8 5	> 4.50 P	15
			5		3	4 3 4 4	1.50 P	20
					4	3 3 4 5	1.75 P	18
	-5.7	Hard, gray SILTY CLAY			5	4 4 8 10	> 4.50 P	18
	-7.4	Boring terminated at 10.00 ft	10					
			15					
			20					

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)

GENERAL NOTES

Begin Drilling: 06-25-2003 Complete Drilling: 06-25-2003
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&B Logger: Y. Shiu 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.

LEGEND

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

T·Y·LIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
SOIL BORINGS P-141 & P-142

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

WANGENGINC 414070LGP1 WANGENG.CDT 10/7/05