F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	764	747
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-157/JP-40

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: 1.70 ft
North: 1840791.65 ft
East: 1177539.61 ft
Station: 144+30.78
Offset: 46.74' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	1.4	4-inch thick ASPHALT --PAVEMENT--						
	0.7	8-inch thick CONCRETE --PAVEMENT--						
		2-inch thick CRUSHED STONE --BASE COURSE--						
		Stiff to hard, gray, SILTY CLAY LOAM with gravel						
		--A-4 (2)-- --LL=23%, PL=16%--			1	3 2 5	1.89 B	13
			5		2	5 5 5	3.36 S	14
					3	3 8 9	6.64 S	11
			10		4	4 5 10	3.28 B	12
					5	3 5 6	3.53 B	13
			15		6	2 4 7	3.85 B	15
					7	3 8 12	4.10 S	12
			20		8	2 8 14	3.94 S	11
	-27.3	Medium dense, gray SILTY LOAM	-27.6		9	14 17 22	> 4.50 P	16
		Very stiff, gray SILTY CLAY, with sand and silt interbeds	25		10	10 17 14	> 4.50 P	13
			30		11	4 5 8	3.69 B	17
					12	4 9 10	3.69 B	17
	-31.3	Medium dense, gray GRAVELLY SAND	-31.8		13	9 9 11	2.87 B	11
	-32.3	Very stiff, gray SILTY CLAY						
		Boring terminated at 34.00 ft	35					
			40					

GENERAL NOTES

Begin Drilling 06-02-2003 Complete Drilling 06-02-2003
Drilling Contractor Patrick Drilling Drill Rig CME 75 TMR
Driller K&J Logger J. Kasnick 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-158

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: 3.19 ft
North: 1840483.08 ft
East: 1177400.04 ft
Station: 141+06.44
Offset: 34.49' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	2.4	10-inch thick CONCRETE --PAVEMENT--						
	2.2	2-inch thick CRUSHED STONE --BASE COURSE--						
		Stiff to hard, gray SILTY CLAY			1	6 4 3 4	3.75 P	17
			5		2	3 3 4 3	> 4.50 P	14
					3	3 2 1 4	1.50 P	15
					4	4 5 6 11	> 4.50 P	12
	-7.8		10		5	9 9 9 9	> 4.50 P	12
		Boring terminated at 11.00 ft						
			15					
			20					

GENERAL NOTES

Begin Drilling 06-27-2003 Complete Drilling 06-27-2003
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

TY·LIN INTERNATIONAL

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
SOIL BORINGS P-157/JP-40 & P-158

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

WANGENGINC 414070LOG1.GDT 10/7/05 WANGENGINC 414070LOG2.GDT 10/7/05