F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	764	710
STA. 88+60 (SB I-57) TO STA. 1313+00 (SB RYAN) STA. 1126+91 (SB FORD)				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (1516.1, 1717, & 1818) R-5				62593

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
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Lombard, IL 60148
Telephone: 630 953-9928
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BORING LOG SP-41

Page 1 of 1

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: -3.34 ft
North: 1839500.74 ft
East: 1175027.64 ft
Station: 113+44
Offset: 29' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	-4.1	9-inch thick, CONCRETE --PAVEMENT--						
	-4.8	9-inch thick, CRUSHED STONE --BASE COURSE--						
		Very stiff to hard, gray SILTY CLAY			1	3 3 2	4.00 P	12
					2	11 7 5 6	3.75 P	14
			5		3	5 7 4 7	2.25 P	15
					4	9 14 15 16	> 4.50 P	12
					5	8 11 12 15	> 4.50 P	12
			10		6	10 10 12 15	> 4.50 P	12
	-15.3	Boring terminated at 12.00 ft						
			15					
			20					

GENERAL NOTES				WATER LEVEL DATA		
Begin Drilling	08-29-2005	Complete Drilling	08-29-2005	While Drilling	▽	DRY
Drilling Contractor	Precon Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▼	DRY
Driller	J&L	Logger	K. Jacob	Time After Drilling		NA
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion	Checked by	MLS	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 SP-42

Page 1 of 1

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: -2.84 ft
North: 1839422.53 ft
East: 1174680.53 ft
Station: 109+95
Offset: 41' RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
		18-inch thick, black LOAM --TOPSOIL--			1	8 9 9 6	NP	13
	-4.3	Medium dense, brown and green GRAVELLY SANDY LOAM --FILL-- --A-1-b (0)--			2	9 11 13 13	NP	15
	-6.3	Very stiff to hard, brown and gray SILTY CLAY	5		3	3 5 6 9	> 4.50 P	13
					4	3 12 12 11	> 4.50 P	11
					5	12 7 8 15	3.50 P	12
			10		6	10 12 12 13	> 4.50 P	14
	-14.8	Boring terminated at 12.00 ft						
			15					
			20					

GENERAL NOTES				WATER LEVEL DATA		
Begin Drilling	09-12-2005	Complete Drilling	09-12-2005	While Drilling	▽	DRY
Drilling Contractor	Precon Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▼	DRY
Driller	J&L	Logger	S. Sugiarto	Time After Drilling		NA
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion	Checked by	MLS	Depth to Water	▽	NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

WANGENGINC 414070LGPJ WANGENG.GDT 10/7/05

LEGEND

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

TY·LIN INTERNATIONAL

SHEET 21 OF 64

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
SOIL BORINGS SP-41 & SP-42

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