F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	764	699
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
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG JP-10

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: -0.70 ft
North: 1849435.56 ft
East: 1177471.83 ft
Station: 1280+56.04
Offset: -75.15 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	13-inch thick, brown and black SILTY CLAY --TOPSOIL--						
		Very stiff to hard, gray, gravelly CLAY to SILTY CLAY, with interbeds of silt			1	4 4 5	5.41 B	16
			5		2	4 4 4	3.77 B	17
					3	4 5 10	3.85 B	13
					4	8 14 20	2.50 P	11
			10		5	6 10 13	6.40 S	10
			15		6	5 11 11	5.33 S	12
					7	5 14 19	3.61 S	11
			20		8	8 15 19	3.20 S	11
					9	13 18 23	3.85 S	11
			25		10	8 18 28	3.12 S	11
	-26.2	Very dense, SILTY LOAM			11	31 54 46	4.00 P	9
			30		12	21 45 47	3.50 P	7
	-31.2	Very stiff to hard, gray, gravelly SILTY CLAY			13	21 32 40	5.33 S	10
					14	13 26 47	2.71 S	9
	-34.7	Boring terminated at 34.00 ft	35					
			40					
			45					
			50					

GENERAL NOTES				WATER LEVEL DATA		
Begin Drilling	04-29-2003	Complete Drilling	04-29-2003	While Drilling	▽	DRY
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	▼	DRY
Driller	K&J	Logger	J. Kasnick	Checked by	N. Davis	
Time After Drilling	NA					
Depth to Water	▽ NA					
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion					

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

WANGENGINC 414070.GPJ 10/1/05 WANGENG.GDT

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Lombard, IL 60148
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Fax: 630 953-9938

BORING LOG JP-12

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: -10.74 ft
North: 1850151.66 ft
East: 1177470.58 ft
Station: 1287+72.61
Offset: -55.90 LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	-11.2	6-inch thick CONCRETE --PAVEMENT--						
	-11.9	Medium dense, brown, coarse SAND --BASE COURSE--			1	7 8 10	1.80 S	11
		Stiff to hard, brown and gray, gravelly CLAY to SILTY CLAY			2	6 7 11	7.38 S	11
			5		3	10 15 18	8.04 S	10
			10		4	10 14 17	4.35 S	11
					5	5 12 18	8.04 S	11
	-23.7	Very dense, gray, gravelly SILTY LOAM	15		6	14 26 38	NP	9
					7	18 32 48	NP	9
	-28.2	Hard, gray SILTY CLAY						
	-29.7	Boring terminated at 19.00 ft	20		8	32 46 55	5.33 S	9
			25					

GENERAL NOTES				WATER LEVEL DATA		
Begin Drilling	05-01-2003	Complete Drilling	05-01-2003	While Drilling	▽	DRY
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	▼	DRY
Driller	K&J	Logger	S. Patel	Checked by	N. Davis	
Time After Drilling	NA					
Depth to Water	▽ NA					
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion					

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

WANGENGINC 414070.GPJ 10/1/05 WANGENG.GDT

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 JP-10 & JP-12

SCALE: N.T.S. DRAWN BY: MPG

DATE: MARCH 1, 2006 CHECKED BY: JPM