F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1818 R-3	COOK	265	251
STA. 2316+00		TO STA. 2367+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60B17

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 RB-02

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: 3.50 ft
North: 1857056.33 ft
East: 1177445.42 ft
Station: 8415+14
Offset: 31.5' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	3.5	3-inch thick, black LOAM --TOPSOIL--						
	2.5	Hard, gray SILTY CLAY LOAM --FILL--			1	3 8 9 10	> 4.50 P	9
	1.8	Medium dense, gray SANDY GRAVEL --FILL--			2	10 5 6 7	4.25 P	17
	1.3	Hard, brown SILTY CLAY --FILL--			3	6 4 5 8	1.00 P	20
		Stiff to hard, gray CLAY	5		4	5 4 6 8	1.75 P	18
	-6.5		10		5	2 3 5 7	2.25 P	16
		Boring terminated at 10.00 ft						
			15					
			20					
			25					

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: 08-26-2004 Complete Drilling: 08-26-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: N. Davis Checked by: ED
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 WANGENG.GDT 11/18/05

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BORING LOG RB-03

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: 0.19 ft
North: 1856813.00 ft
East: 1177449.01 ft
Station: 8412+72
Offset: 18' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	3.0	2-inch thick, black LOAM --TOPSOIL--						
		Hard, gray SILTY CLAY --A-6 (10)-- --LL=34%, PL=19%--			1	3 6 6 6	> 4.50 P	14
	2.1	Very stiff to hard, gray CLAY			2	4 4 4 4	2.50 P	19
			5		3	2 2 4 4	2.50 P	18
					4	3 5 5 8	3.50 P	17
	-9.8		10		5	2 4 6 8	4.00 P	17
		Boring terminated at 10.00 ft						
			15					
			20					
			25					

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: 08-26-2004 Complete Drilling: 08-26-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: N. Davis Checked by: ED
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 WANGENG.GDT 11/18/05

LEGEND

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

TY·LIN INTERNATIONAL

SHEET 15 OF 23

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)

SOIL BORINGS RB-02 & RB-03

SCALE: N.T.S. DRAWN BY: RTM
DATE: MARCH 7, 2006 CHECKED BY: MPG