F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	916	852
STA. 1990+65 (NB I-57) 1990+48 (NB FORD) TO STA. 2316+00 (NB RYAN)				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* (1516.1, 1717, & 1818) R-4

62304

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 SP-18

WEI Job No.: 414-07-01

Client: T. Y. LIN International, Inc.
Project: Dan Ryan Contracts 62304 (20) and 62593 (23)
Location: City of Chicago, Cook County, Illinois

Datum: CCD
Elevation: 3.97 ft
North: 1839011.18 ft
East: 1180558.30 ft
Station: 2003+15
Offset: 30' RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	4.3	8-inch thick, CONCRETE --PAVEMENT--						
		Very stiff to hard, brown to gray SILTY CLAY		X	1	1 1 3	> 4.50	15
				X	2	7 5 4 4	3.00	27
			5	X	3	6 5 6 7	4.00	17
				X	4	9 8 7 10	4.50	12
				X	5	6 7 8 10	> 4.50	11
			10	X	6	10 9 8 9	4.50	12
	-8.0	Boring terminated at 12.00 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: 09-13-2005 Complete Drilling: 09-13-2005
Drilling Contractor: Precon Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: S. Sugiarto 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.

WANGENGINC 414070L C20_C23.GPJ WANGENG.GDT 11/18/05

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BORING LOG SP-19

WEI Job No.: 414-07-01

Client: T. Y. LIN International, Inc.
Project: Dan Ryan Contracts 62304 (20) and 62593 (23)
Location: City of Chicago, Cook County, Illinois

Datum: CCD
Elevation: -1.49 ft
North: 1839160.23 ft
East: 1178852.95 ft
Station: 2020+43
Offset: 40' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	-2.3	10-inch thick, CONCRETE --PAVEMENT--						
		Medium dense, gray fine to medium SAND		X	1	8 6	NP	13
				X	2	17 9 8 7	NP	16
			5	X	3	14 7 6 7	NP	14
				X	4	7 7 3 5	NP	20
	-10.5	Very stiff, gray SILTY CLAY		X	5	6 4 7 5	> 4.50 P	13
			10	X	6	6 4 5 6	3.00 P	14
	-13.5	Boring terminated at 12.00 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: 09-11-2005 Complete Drilling: 09-11-2005
Drilling Contractor: Precon Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: S. Sugiarto 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.

WANGENGINC 414070L C20_C23.GPJ WANGENG.GDT 11/18/05

LEGEND

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

T·Y·LIN INTERNATIONAL

SHEET 38 OF 89

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
SOIL BORINGS SP-18 & SP-19

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