F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	916	846
STA. 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
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1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
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BORING LOG SP-03

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: 4.22 ft
North: 1839361.48 ft
East: 1173348.55 ft
Station: 198+54
Offset: 44' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	4.2	13-inch thick, CONCRETE --PAVEMENT--						
	3.1	9-inch thick, CRUSHED STONE --BASE COURSE--			1	14 21	NP	6
	2.5	Hard, gray CLAY, trace gravel			2	12 10 7 7	> 4.50 P	14
			5		3	6 5 5 5	> 4.50 P	14
					4	5 4 8 11	> 4.50 P	14
	0.8	Medium dense, gray SILT to fine SAND			5	6 7 7 9	> 4.50 P	13
	-0.8	Hard, gray CLAY, trace gravel	10		6	7 6 6 8	4.25 P	14
	-7.8	Boring terminated at 12.00 ft						
			15					
			20					

GENERAL NOTES				WATER LEVEL DATA		
Begin Drilling	09-01-2005	Complete Drilling	09-01-2005	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-04

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: 1.52 ft
North: 1839377.86 ft
East: 1173947.13 ft
Station: 204+52
Offset: 46' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	1.5	9-inch thick of CONCRETE over 4-inch thick of ASPHALT --PAVEMENT--			1	37 19	NP	6
	0.4	9-inch thick, of CRUSHED STONE --BASE COURSE--			2	21 11 10 11	> 4.50 P	13
	-0.3	Hard, gray CLAY, trace gravel			3	10 8 6 6	NP	12
	-2.5	Medium dense, brown, fine SAND	5		4	7 4 6 7	> 4.50 P	14
	-4.5	Hard, gray CLAY, trace gravel			5	6 7 7 10	4.25 P	15
			10		6	6 7 10 12	> 4.50 P	12
	-10.5	Boring terminated at 12.00 ft						
			15					
			20					

GENERAL NOTES				WATER LEVEL DATA		
Begin Drilling	09-01-2005	Complete Drilling	09-01-2005	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.

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 SP-03 & SP-04

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

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W:\ANGENG INC 414070\1_C20_C23.GPJ