F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	916	885
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
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Telephone: 630 953-9928
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BORING LOG JP-01

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: -4.55 ft
North: 1844519.13 ft
East: 1177804.30 ft
Station: 2231+51.4
Offset: 55.11 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	-5.2	8-inch thick CONCRETE --PAVEMENT--						
	-5.7	8-inch thick CONCRETE --PAVEMENT--						
		Medium dense to dense, black and brown, fine to coarse SAND to SANDY LOAM --FILL--			1	10 7 7	NP	5
			5		2	22 12 14	NP	15
					3	12 16 16	NP	17
	-13.1	Very stiff to hard, gravelly SILTY CLAY			4	8 10 12	4.02 S	12
			10		5	4 8 10	3.61 S	12
			15		6	4 6 11	3.36 S	11
	-21.5				7	17 25 27 37	4.84 S	10
		Boring terminated at 17.00 ft	20					
			25					

GENERAL NOTES				WATER LEVEL DATA	
Begin Drilling	05-07-2003	Complete Drilling	05-07-2003	While Drilling ▽	DRY
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling ▼	DRY
Driller	K&J	Logger	S. Patel	Time After Drilling	NA
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion	Checked by	N. Davis	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 JP-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: 1.85 ft
North: 1845340.77 ft
East: 1177799.27 ft
Station: 2239+72.8
Offset: 73.6 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	0.8	13-inch thick, black LOAM --TOPSOIL--						
		Very stiff to hard, gray, gravelly SILTY CLAY to CLAY			1	4 4 4	5.17 S	18
			5		2	2 3 3	2.84 B	18
					3	3 5 6	3.28 B	16
			10		4	4 9 11	4.50 P	12
					5	8 10 11	2.79 S	10
			15		6	5 7 9	4.02 S	11
					7	4 8 12	5.08 S	11
			20		8	6 10 11	4.26 S	12
	-16.6	Very dense, gray, gravelly SILTY LOAM			9	14 24 29	NP	10
	-23.1		25		10	19 50 70	NP	11
		Boring terminated at 25.00 ft	30					
			35					
			40					
			45					
			50					

GENERAL NOTES				WATER LEVEL DATA	
Begin Drilling	05-07-2003	Complete Drilling	05-07-2003	While Drilling ▽	DRY
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling ▼	DRY
Driller	K&J	Logger	S. Patel	Time After Drilling	NA
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion	Checked by	N. Davis	Depth to Water ▽	NA

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

W:\ENGINC 414070.DPJ W:\ENGINC.GDT 11/18/05

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-01 & JP-03

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

DATE: MARCH 7, 2006 CHECKED BY: MPG