F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	764	702
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-46

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: 0.06 ft
North: 1839011.48 ft
East: 1178698.45 ft
Station: 1146+29.3
Offset: -37.81 LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	13-inch thick, black SANDY LOAM --TOPSOIL--					
-1.0	Very stiff, brown and gray CLAY to SILTY CLAY		1	3 3 4	3.28 B	18
		5	2	2 3 4	2.87 B	19
			3	3 5 6	3.12 B	16
		10	4	1 5 5	3.50 P	13
			5	1 4 5	2.87 S	13
		15	6	1 3 5	2.54 S	15
-17.4			7	3 11 14	2.62 S	14
	Boring terminated at 17.50 ft	20				
		25				

GENERAL NOTES				WATER LEVEL DATA		
Begin Drilling	05-05-2003	Complete Drilling	05-05-2003	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	
Checked by	N. Davis			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 414070L.GPJ WANGENG.GDT 10/7/06

BORING LOG JP-49

Wang Engineering, INC.
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Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

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: 5.03 ft
North: 1840345.34 ft
East: 1177681.17 ft
Station: 1163+44.2
Offset: -6.39 LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
4.8 4.3	3-inch thick ASPHALT --PAVEMENT--					
3.5	6-inch thick CONCRETE --PAVEMENT--					
	9-inch thick CRUSHED STONE --BASE COURSE--					
	Dense to very dense, brown SAND --FILL--		1	26 46 43	NP 37	
		5	2	7 14 24	NP 46	
-0.5	Very stiff to hard, gray, gravelly CLAY		3	2 2 3	2.60 P	14
		10	4	2 5 8	3.44 S	13
			5	5 10 10	2.87 S	11
		15	6	3 5 11	5.33 S	13
			7	4 8 9	4.54 S	14
		20	8	8 8 10	5.08 S	12
			9	6 9 13	7.22 S	12
		25	10	9 12 14	6.64 S	12
		30	11	12 13 16	4.67 B	13
			12	10 10 12	6.31 B	12
-27.9 28.0	Medium dense, gray SAND					
-29.0	Hard, gray, gravelly CLAY		13	10 9 12	5.25 S	16
	Boring terminated at 34.00 ft	35				
		40				
		45				
		50				

GENERAL NOTES				WATER LEVEL DATA		
Begin Drilling	06-02-2003	Complete Drilling	06-02-2003	While Drilling	▽	DRY
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▼	DRY
Driller	K&J	Logger	J. Kasnick	Time After Drilling	NA	
Checked by	N. Davis			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 414070L.GPJ WANGENG.GDT 10/7/06

LEGEND

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

T·Y·LIN INTERNATIONAL

SHEET 13 OF 64

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

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

SOIL BORINGS JP-46 & JP-49

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

DATE: MARCH 1, 2006 CHECKED BY: JPM