

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-39
WEI Job No.: 414-07-01

Datum: CCD
Elevation: 22.88 ft
North: 1840694.73 ft
East: 1177768.77 ft
Station: 248+46.68
Offset: -0.12 LT

Client: T. Y. LIN International
Project: Dan Ryan Improvements; IDOT No. D-91-421-01
Location: From 95th Street to South of 69th Street

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
22.2	8-inch thick CONCRETE												
21.7	--PAVEMENT--												
	6-inch thick CRUSHED STONE												
	--BASE COURSE--												
	Stiff to hard, gray CLAY to CLAY LOAM		1	16	4.50	16				11	16	3.85	12
	--A-6 (G)--												
	--LL=30%, PL=17%--		2	5	2.38	17				12	5	3.28	13
			3	4	1.97	20							
14.9	Medium dense, brown and black, fine SAND												
13.8	Medium stiff to very stiff, gray CLAY		4	6	NP	11				13	6	2.79	14
			5	2	3.00	13							
			6	1	1.89	20					3	3.85	13
			7	0	0.90	20							
			8	2	1.39	21					12	4.50	13
2.9	Soft, gray CLAY												
0.6	Loose, gray SILT		9	0	0.25	26							
-0.1	Very stiff to hard, CLAY to SILTY CLAY, with interbeds of SILT												
			10	12	4.50	14					8	3.20	14

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	Boring terminated at 50.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	05-30-2003	Complete Drilling	05-30-2003	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			Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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LEGEND

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

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
SOIL BORINGS JP-39

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