

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 SB 01-05 Page 1 of 2

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 South of 69th Street

Datum: CCD
 Elevation: 16.54 ft
 North: 1842671.40 ft
 East: 1177902.43 ft
 Station: 2213+01.6
 Offset: 100.307' RT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
16.5	2-inch thick, ASPHALT	16.5											
15.6	--PAVEMENT--												
14.8	9-inch thick, CONCRETE												
14.8	--PAVEMENT--												
13.5	10-inch thick, CRUSHED STONE												
13.5	--BASE COURSE--												
	Stiff, gray CLAY		1	5 5 3	1.75 P	18				11	4 7 7	4.67 B	17
	Loose to medium dense, brown medium SAND		2	5 5 6	NP	7				12	5 7 11	5.41 B	12
	--FILL--		3	3 2 2	NP	8				13	6 8 9	6.64 B	12
7.8	Very soft to stiff, gray CLAY		4	4 2 2		22				14	9 15 17	6.56 B	9
	--A-6 (7)-- --LL=29%, PL=18%--		5	0 1 1	0.16 B	24				15	14 18 19	> 4.50 P	12
			6	0 1 1	0.08 B	23				16	29 48 45	6.15 S	9
			7	0 1 2	0.90 B	18							
2.5	Very stiff to hard, gray SILTY CLAY, with gravel		8	2 6 6	4.43 B	14							
			9	3 5 6	5.25 B	13							
			10	3 5 7	3.27 B	15							

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36.5	Very dense, gray GRAVELLY SANDY LOAM												
37.2													
	Boring terminated at 53.75 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-21-2004	Complete Drilling	01-21-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&B	Logger	H. Suhail	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 SB 01-05

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