

FOR SIGN STRUCTURE AT STA. 1224+00

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BORING LOG SB SGN 17B

Page 1 of 1
 Datum: CCD
 Elevation: 0.99 ft
 North: 1843786.59 ft
 East: 1177712.39 ft
 Station: 1224+00
 Offset: 9' RT

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

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.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
4.4	4.0	12-inch thick, CONCRETE --PAVEMENT--								Boring terminated at 25.00 ft					
4.4	0.5	6-inch thick, CRUSHED STONE --BASE COURSE-- Very stiff to hard, gray CLAY		1	7 4 5	2.79 B	20								
			5	2	9 4 6	2.30 B	17				30				
				3	11 11 13	5.17 B	11								
			10	4	7 10 13	6.97 B	11				35				
				5	7 9 13	7.95 B	12								
			15	6	7 11 14	4.18 S	11				40				
	-15.3	Medium dense, gray SILTY LOAM		7	7 10 13	NP	13								
	-17.0	Hard, gray SILTY CLAY		8	4 5 8	4.10 B	13				45				
	-19.5	Dense to very dense SILT to SILTY LOAM		9	10 31 37	NP	9								
	-24.0			10	11 23 23	NP	9				50				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-12-2005	Complete Drilling	04-13-2005	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	J&L	Logger	H. Suhail	Checked by	N. Davls		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Time After Drilling	NA		
				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

TYLIN INTERNATIONAL

FOR SIGN STRUCTURE AT STA. 1227+50

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BORING LOG SB 36-03

Page 1 of 1
 Datum: CCD
 Elevation: 18.15 ft
 North: 1844112.66 ft
 East: 1177560.78 ft
 Station: 1227+33.5
 Offset: 138.598' LT

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

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.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	16.9	15-inch thick, black CLAY LOAM --TOPSOIL-- Medium dense, brown SAND		1	9 9 4	NP	14					11	7 11 18	6.97 S	13
	15.1	Stiff to very stiff, brown and gray CLAY		2	2 2 4	2.00 P	31					12	8 14 20	4.50 P	11
	11.9	Boring terminated at 30.00 ft		3	0 2 2	1.72 B	24				30				
	10.1	Very soft to medium stiff, gray CLAY		4	0 1 2	0.33 B	22				35				
				5	0 0 0	0.25 P	22								
				6	1 1 2	0.50 P	23				40				
				7	0 2 1	0.16 B	23								
	0.1	Hard, gray SILTY CLAY to SILTY CLAY LOAM, with silt interbeds		8	2 3 4	4.50 P	16				45				
				9	6 9 15	4.50 P	11								
				10	6 8 13	4.50 P	11				50				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-02-2004	Complete Drilling	02-02-2004	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	T&D	Logger	Y. Shiu	Checked by	S. Jagnowski		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Time After Drilling	NA		
				Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

SHEET OF

REVISIONS	
NAME	DATE
REVISED	05/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 SOIL BORINGS FOR SIGN STRUCTURES
 AT STA. 1224+00 & STA. 1227+50

S.N.
 SCALE: N.T.S.
 DATE: MARCH 25, 2005

DESIGNED BY: DJR
 DRAWN BY: DJR
 CHECKED BY: JPM