

**Wang Engineering, INC.**  
 Consulting Geotechnical and Environmental Engineers  
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 1145 Main Street  
 Lombard, IL 60148  
 Telephone: 630 953-9928  
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**BORING LOG SB 73-15** Page 1 of 1

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 69th Street

Datum: CCD  
 Elevation: 7.51 ft  
 North: 1853988.00 ft  
 East: 1177200.00 ft  
 Station: 1326+24  
 Offset: 165' LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
7.51	2-inch thick ASPHALT --PAVEMENT--	0						7.51		0					
6.6	9-inch thick CONCRETE --PAVEMENT--	0.9		1	15 7 3	2.00 P	21	6.6		0.9		11	9 8 11	6.89 B	12
5.7	3-inch thick CRUSHED STONE --BASE COURSE--	1.2						5.7		1.2					
5.7	Very stiff, black and brown SILTY CLAY --FILL--	1.2		2	2 2	NP		5.7		1.2		12	5 6 8	5.49 B	13
2.0	Loose to medium dense, brown, black, and gray SAND	5		3	2 2 4	1.72 B	21	2.0		5		13	7 8 12	5.58 B	14
2.0	Medium stiff to stiff, gray CLAY with organics	5		4	2 3 4	0.80 B	19	2.0		5		14	9 12 17	8.69 B	10
-4.2	Loose to medium dense, SAND	10		5	2 6 9	1.97 B	19	-4.2		10		15	14 16 23	9.43 S	11
-8.0	Very stiff to hard, gray CLAY	15		6	3 3 5	NP	17	-8.0		15		20	6 12 20	3.94 B	17
-13.0	Hard, gray SILTY CLAY	20		7	3 4 6	2.71 B	17	-13.0		20		25	9 9 13	6.40 B	12
		25		8	4 7 12	4.26 B	18			25		30	7 8 10	8.12 S	10
		30		9						30		35			
		35		10						35		40			
		40		11						40		45			
		45		12						45		50			
		50		13						50					

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-28-2004	Complete Drilling	12-28-2004	While Drilling	∇	14.00 ft	
Drilling Contractor	DLZ Drilling	Drill Rig	D-120 TMR	At Completion of Drilling	∇	DRY	
Driller	J&J	Logger	JPK	Time After Drilling	NA		
Checked by	MLS	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 SB 73-16** Page 1 of 1

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 69th Street

Datum: CCD  
 Elevation: 6.85 ft  
 North: 1854062.00 ft  
 East: 1177192.00 ft  
 Station: 1326+96  
 Offset: 168' LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
6.85	3-inch thick ASPHALT --PAVEMENT--	0						6.85		0					
5.7	11-inch thick CONCRETE --PAVEMENT--	1.1		1	4 7 7	NP	20	5.7		1.1		11	14 21 27	5.33 B	13
5.7	Medium dense, brown SAND	1.1		2	4 5 5	NP	19	5.7		1.1		12	11 22 27	3.85 B	12
23.2	Very stiff to hard, gray SILTY CLAY	18.7		3	5 9 11	1.64 B	19	23.2		18.7		15	7 17 24		
14	Stiff to very stiff, gray CLAY	14		4	5 7 16	2.21 B	18			14		20	7 19 27	2.50 P	15
		19		5	6 11 17	3.12 B	19			19		25	9 17 21	3.00 P	13
		20		6	6 12 20	3.94 B	17			20		30			
		25		7						25		35			
		30		8						30		40			
		35		9						35		45			
		40		10						40		50			
		45		11						45					
		50		12						50					

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-07-2005	Complete Drilling	01-07-2005	While Drilling	∇	DRY	
Drilling Contractor	DLZ Drilling	Drill Rig	Diedrich D-120 TMR	At Completion of Drilling	∇	DRY	
Driller	K&J	Logger	KJ	Time After Drilling	NA		
Checked by	MLS	Depth to Water	∇	NA			
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94 (DAN RYAN EXPRESSWAY)  
 RETAINING WALL ALONG LAFAYETTE AVE.  
 77TH PL. TO 78TH ST.  
 WALL 73B  
 BORING LOGS SB73-15 & SB73-16  
 S.N. 016-W973  
 SCALE: N.T.S.  
 DATE: MARCH 25, 2005

DESIGNED BY: DJR  
 DRAWN BY: DJR  
 CHECKED BY: TD