

Wang Engineering, Inc.
 Consulting Geotechnical and Environmental Engineers
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 1145 Main Street
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 Telephone: 630 953-9928
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BORING LOG SB 02-07 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 South of 69th Street

Datum: CCD
 Elevation: 21.41 ft
 North: 1844125.05 ft
 East: 1177895.26 ft
 Station: 2227+54.9
 Offset: 134.750' RT

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 (%)
20.4	2-inch thick, ASPHALT --PAVEMENT-- 10-inch thick, CONCRETE --PAVEMENT-- Loose to medium dense, SAND to SANDY LOAM --FILL--	0-5	1	9 8 5	NP	11	20.4		0-5	1	5 8 10	4.10	12
15.9	Very stiff to hard, brown and gray CLAY	5-10	2	3 2 2	NP	13	15.9		5-10	2	6 8 10	5.49	12
10.9	Very soft to soft, gray CLAY	10-15	3	3 4 6		4.51	10.6	Dense, gray SILT to SILTY LOAM, with gravel	10-15	3	3 13 18	NP	18
		15-20	4	5 4 5		2.87			15-20	4	3 13 18	NP	18
		20-25	5	2 2 2		0.49	15.1	Hard, gray SILTY CLAY LOAM, with gravel	20-25	5	6 10 15	4.67	12
		25-30	6	1 2 2		0.40			25-30	6	6 10 15	4.67	12
		30-35	7	1 1 1		0.33	20.6	Very dense, gray SILTY LOAM, with gravel	30-35	7	16 60 80/2	NP	9
		35-40	8	1 2 2		0.25	23.3	POSSIBLE BOULDER or BEDROCK --AUGER REFUSAL--	35-40	8			
		40-45	9	1 2 5		3.69		Boring terminated at 44.70 ft	40-45	9			
		45-50	10	4 5 8		4.50			45-50	10			

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-09-2004	Complete Drilling	01-09-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	K. Jacob	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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BORING LOG SB 02-08 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 South of 69th Street

Datum: CCD
 Elevation: -0.20 ft
 North: 1844042.40 ft
 East: 1177826.44 ft
 Station: 2226+74.3
 Offset: 63.596' RT

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 (%)
4.4	8-inch thick, CONCRETE --PAVEMENT-- 5-inch thick, CRUSHED STONE --BASE COURSE-- Hard, gray CLAY --FILL-- Stiff to hard, gray SILTY CLAY, with gravel	0-5	1	13 11 11		4.50	4.4		0-5	1			
		5-10	2	7 8 11		2.71			5-10	2			
		10-15	3	7 10 12		5.99			10-15	3			
		15-20	4	7 9 12		4.76			15-20	4			
		20-25	5	8 13 17		3.53			20-25	5			
		25-30	6	7 12 21		1.89			25-30	6			
		30-35	7	6 11 16		4.43			30-35	7			
		35-40	8	7 16 20		2.62			35-40	8			
		40-45	9	20 41 50/5		4.50			40-45	9			
		45-50	10	15 50/3		4.50			45-50	10			

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-04-2004	Complete Drilling	02-04-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	T&D	Logger	Y. Shiu	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.							



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 RETAINING WALL ALONG STATE ST.
 93RD ST. TO 91ST ST.
 WALL 2B
 BORING LOGS SB02-07 & SB02-08
 S.N. 016-W961
 SCALE: N.T.S.
 DATE: MARCH 18, 2005

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