

Wang Engineering, Inc.
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BORING LOG SB 73-05 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: CGD
 Elevation: 7.46 ft
 North: 1853248.00 ft
 East: 1177292.00 ft
 Station: 1318+80
 Offset: 132' LT

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BORING LOG SB 73-06 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: CGD
 Elevation: 7.28 ft
 North: 1853333.00 ft
 East: 1177287.00 ft
 Station: 1319+65
 Offset: 131' 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 (%)
7.2	3-inch thick ASPHALT --PAVEMENT--	0						7.46		0					
6.0	14-inch thick CONCRETE --PAVEMENT--	1						7.46		1					
5.5	Stiff, brown CLAY<<R>>--FILL--	1	X	1	6 9 10	NP	27	7.46		11	X	9 19 19	7.95 B	13	
5.0	Soft, black CLAY<<R>>--FILL--	1	X	2	4 4 5	NP	19	7.46		12	X	8 13 15	5.74 B	14	
5.0	Loose to medium dense, brown, fine SAND	5	X	2	4 4 5	NP	19	7.46		30	X	8 13 15	5.74 B	14	
1.5	Medium stiff, gray CLAY	5	X	3	2 3 4	0.50 P	20	7.46		35	X	9 12 13	4.43 B	16	
1.5	Medium stiff, gray CLAY	10	X	4	2 2 4	0.50 P	21	7.46		40	X	50/5"			
1.5	Medium stiff, gray CLAY	15	X	5	2 4 6	0.50 P	19	7.46		45	X	50/2"			
1.5	Medium stiff, gray CLAY	20	X	8	8 12 14	4.02 B	19	7.46		50	X	8 11 13	8.28 B	13	
8.5	Hard, gray CLAY	20	X	7	3 9 12	4.10 B	18	7.46							
13.5	Hard, gray SILTY CLAY	25	X	9	7 15 15	7.13 B	12	7.46							
								37.5							

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 (%)
7.2	3-inch thick ASPHALT --PAVEMENT--	0						7.28		0					
5.9	14-inch thick CONCRETE --PAVEMENT--	1						7.28		1					
5.9	Black CLAY with cinders, glass and debris	1	X	1	5 5 5"		15	7.28		11	X	10 13 13	4.50 P	14	
3.8	Medium dense, brown SANDY LOAM	2	X	2	5 5 5		21	7.28		12	X	12 15 17	4.50 P	16	
1.3	Stiff to very stiff, gray CLAY	5	X	3	5 5 6			7.28		13	X	11 13 16	3.12 B	15	
1.3	Stiff to very stiff, gray CLAY	10	X	4	3 4 6	2.13 B	22	7.28		14	X	6 11 15	4.92 B	14	
1.3	Stiff to very stiff, gray CLAY	15	X	5	4 4 6	2.13 B	19	7.28		15	X	12 14 18	8.12 S	12	
1.3	Stiff to very stiff, gray CLAY	20	X	6	3 5 8	1.89 B	20	7.28							
1.3	Stiff to very stiff, gray CLAY	25	X	7	5 6 9	2.54 B	18	7.28							
1.3	Stiff to very stiff, gray CLAY	30	X	8	5 7 11	3.53 B	18	7.28							
1.3	Stiff to very stiff, gray CLAY	35	X	9	7 11 12	4.67 B	12	7.28							
1.3	Stiff to very stiff, gray CLAY	40	X	10	8 11 13	5.08 B	12	7.28							
13.2	Hard, gray SILTY CLAY	45	X	15	12 14 18	8.12 S	12	7.28							
								37.7							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-30-2004	Complete Drilling	12-30-2004	While Drilling	∇	DRY	
Drilling Contractor	DLZ Drilling	Drill Rig	Diedrich D-120 TMR	At Completion of Drilling	∇	DRY	
Driller	J&R	Logger	B. Panozzo	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.							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-04-2004	Complete Drilling	01-04-2004	While Drilling	∇	DRY	
Drilling Contractor	DLZ Drilling	Drill Rig	Mobile B-59	At Completion of Drilling	∇	DRY	
Driller	E&J	Logger	B. Panozzo	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.							

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 73A
BORING LOGS SB73-05 & SB73-06
 S.N. 016-W972
 SCALE: N.T.S.
 DATE: MARCH 25, 2005

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

03/29/2005 04:31:59 PM
 R:\0231\Structural\CTBWall\73a\sb73-05\sb73-06.dwg