

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 01-03

WEI Job No.: 414-07-01

Datum: CCD
Elevation: 13.35 ft
North: 1842817.66 ft
East: 1177888.52 ft
Station: 2214+48.2
Offset: 90.587' RT

Client: T. Y. LIN International

Project: Dan Ryan Improvements; IDOT No. D-91-421-01

Location: From 95th Street to South of 69th Street

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BORING LOG SB 01-04

WEI Job No.: 414-07-01

Datum: CCD
Elevation: 15.29 ft
North: 1842745.19 ft
East: 1177895.70 ft
Station: 2213+75.6
Offset: 95.697' RT

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 (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 (%)
13.35	2-inch thick, ASPHALT --PAVEMENT--	0.0					13.35		0.0				
12.4	10-inch thick, CONCRETE --PAVEMENT--	1.6	1	9 5 5	3.50 P	16	12	5 7 10	4.67 B	14			
11.6	9-inch thick, CRUSHED STONE --BASE COURSE--						13	5 8 10	4.84 B	13			
10.4	Very stiff, brown and gray CLAY --FILL--						30						
	Loose to medium dense, brown medium SAND --FILL--						35						
							40						
2.4	Very soft, gray CLAY						45						
0.4	Very stiff, gray CLAY						50						
3.1	Medium dense, gray SILTY LOAM												
7.1	Hard, gray SILTY CLAY, with gravel												

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 (%)
15.29	2-inch thick, ASPHALT --PAVEMENT--	0.0					15.29		0.0				
14.3	10-inch thick, CONCRETE --PAVEMENT--						11	4 5 8	4.35 B	14			
	24-inch thick, CRUSHED STONE --BASE COURSE--						12	9 16 18					
	Very loose to loose, brown medium SAND --FILL--						30						
							35						
							40						
							45						
							50						
3.8	Very soft to soft, gray CLAY												
0.2	Hard, gray CLAY												
2.7	Medium dense, gray SILTY LOAM												
6.5	Medium dense, gray SANDY LOAM												
7.7	Hard, gray SILTY CLAY, with gravel												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	01-22-2004	Complete Drilling	01-22-2004	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	Checked by	N. Davis	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	01-21-2004	Complete Drilling	01-21-2004	While Drilling	▽	42.50 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	8.00 ft	
Driller	J&B	Logger	H. Suhail	Time After Drilling	NA		
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion	Checked by	N. Davis	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.
ENTRANCE RAMP FROM 95TH ST. TO 93RD ST.
WALL 2A
BORING LOGS SB01-03 & SB01-04

S.N. 016-W944 DESIGNED BY: DJR
SCALE: N.T.S. DRAWN BY: DJR
DATE: MARCH 18, 2005 CHECKED BY: TD

03/25/2005 10:59 AM
 P:\02313\Structural-Civil\wall 02\Asst\Drawings\0836_0944.dgn