

Wang Engineering, INC.
 Consulting Geotechnical and Environmental Engineers
 wangeng3@wangeng.com
 1145 Main Street
 Lombard, IL 60148
 Telephone: 630 953-9928
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BORING LOG P-155
 WEI Job No.: 414-07-01

Datum: CCD
 Elevation: 0.09 ft
 North: 1841263.32 ft
 East: 1177667.79 ft
 Station: 149+45.37
 Offset: 29.65' LT

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 Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
0.0	8-inch thick CONCRETE --PAVEMENT--	0.0													
0.3	4-inch thick CRUSHED STONE --BASE COURSE--	0.3													
1.4	Medium dense, gray SILT	1.4	X	1	14	NP	13								
4.2	Hard, gray CLAY	4.2	X	2	7 12 13		11								
5.7	Medium dense, gray, fine to coarse SAND	5.7	X	3	11 11 11	NP	16								
8.4	Hard, gray SILTY CLAY	8.4	X	4	9 12 11 12		10								
10.9	Medium dense, gray SILT	10.9	X	5	8 11 10 11		12								
	Boring terminated at 11.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-27-2003	Complete Drilling	06-27-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&B	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.							

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BORING LOG P-156
 WEI Job No.: 414-07-01

Datum: CCD
 Elevation: 1.31 ft
 North: 1841018.67 ft
 East: 1177613.45 ft
 Station: 146+92.09
 Offset: 29.54' LT

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 Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
0.0	8-inch thick CONCRETE --PAVEMENT--	0.0													
0.3	4-inch thick CRUSHED STONE --BASE COURSE--	0.3													
1.4	Medium dense, brown, medium SAND	1.4	X	1	10 5 6 8		13								
4.2	Hard, gray SILTY CLAY	4.2	X	2	7 3 8 10		12								
5.7	Medium dense, gray, fine to coarse SAND	5.7	X	3	11 11 11 13		12								
8.4	Hard, gray SILTY CLAY	8.4	X	4	8 8 7 9		11								
10.9	Medium dense, gray SILT	10.9	X	5	5 9 11 12	NP	11								
	Boring terminated at 11.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	06-27-2003	Complete Drilling	06-27-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&B	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.							

LEGEND

NP	NON-PLASTIC
B	BULGE FAILURE
S	SHEAR FAILURE
P	POCKET PENETROMETER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 SOIL BORINGS P-155 & P-156

SCALE: N.T.S. DRAWN BY: MPG
 DATE: MARCH 1, 2006 CHECKED BY: JPM

TYLIN INTERNATIONAL