

Wang Engineering, INC.
 Consulting Geotechnical and Environmental Engineers
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 1145 Main Street
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BORING LOG P-097
 WEI Job No.: 414-07-01

Datum: CCD
 Elevation: -4.60 ft
 North: 1855795.53 ft
 East: 1177314.42 ft
 Station: 1344+20
 Offset: 5' 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 P-098
 WEI Job No.: 414-07-01

Datum: CCD
 Elevation: 1.16 ft
 North: 1856660.57 ft
 East: 1177296.03 ft
 Station: 1351+75
 Offset: 5' 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 Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
4.4	8-inch thick CONCRETE --PAVEMENT--	4.4													
5.3	4-inch thick CRUSHED STONE --BASE COURSE--	5.3													
5.6	Medium dense, brown SAND	5.6		1	12	NP	6								
7.9	Hard, gray SILTY CLAY	7.9		2	7	4.00 P	20								
9.7		9.7		3	6	4.50 P	17								
11.6	Medium dense, gray SILT	11.6		4	7	NP	17								
14.6	Hard, gray SILTY CLAY	14.6		5	7	4.50 P	13								
15.6	Boring terminated at 11.00 ft														

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
1.2	8-inch thick CONCRETE --PAVEMENT--	1.2													
4.4	10-inch thick CRUSHED STONE --BASE COURSE--	4.4													
4.4	Loose to medium dense, brown and gray, medium to coarse SAND	4.4		1	12	NP	3								
7.9		7.9		2	7	NP	6								
9.7		9.7		3	3	0.75 P	14								
11.6	Medium stiff, gray SILTY CLAY LOAM, with sand interbeds	11.6		4	1	1.50 P	14								
15.6	Loose, brown SAND	15.6		5	3	2.50 P	17								
17.6	Stiff to very stiff, gray SILTY CLAY	17.6		6	4	NP	14								
19.6	Boring terminated at 11.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	10-05-2003	Complete Drilling	10-05-2003	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	K&B	Logger	B. Fugiel	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	10-05-2003	Complete Drilling	10-05-2003	While Drilling	∇	5.00 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	K&B	Logger	B. Fugiel	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

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 SOIL BORINGS P-097 & P-098

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