

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 SP-09
 WEI Job No.: 414-07-01

Datum: CCD
 Elevation: 2.21 ft
 North: 1839371.80 ft
 East: 1175955.66 ft
 Station: 400+00
 Offset: 10' RT

Client: T. Y. LIN International, Inc.
 Project: Dan Ryan Contracts 62304 (20) and 62593 (23)
 Location: City of Chicago, Cook County, Illinois

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 (%)
1.6	8-inch thick, CONCRETE --PAVEMENT--												
0.8	9-inch thick, CRUSHED STONE --BASE COURSE--		1	2 5 48	NP	9							
	Dense to very dense, green and gray GRAVELLY SAND with slag --FILL--		2	13 34 50/5	NP	39							
			3	17 34 13 10	NP	12							
3.3	Hard, gray SILTY CLAY		4	10 9 10 10	4.50 P	12							
			5	6 7 6 7	4.25 P	14							
			6	7 6 9 9	4.50 P	12							
3.8	Boring terminated at 12.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-30-2005	Complete Drilling	08-30-2005	While Drilling	∇	DRY	
Drilling Contractor	Precon 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 gradue.							

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BORING LOG SP-10
 WEI Job No.: 414-07-01

Datum: CCD
 Elevation: 3.96 ft
 North: 1839368.04 ft
 East: 1176243.48 ft
 Station: 402+84
 Offset: 32' RT

Client: T. Y. LIN International, Inc.
 Project: Dan Ryan Contracts 62304 (20) and 62593 (23)
 Location: City of Chicago, Cook County, Illinois

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 (%)
3.5	6-inch thick, black CLAY LOAM --TOPSOIL--												
	Stiff to very stiff, gray SILTY CLAY LOAM		1	3 5 7 6	4.50 P	14							
	--A-4 (S)-- --LL=27%, PL=18%--		2	6 7 7 6	3.75 P	15							
			3	6 3 3 3	1.75 P	19							
2.7	Medium dense, gray SILT		4	7 9 13 9	NP	13							
5.0	Hard, gray SILTY CLAY		5	10 14 14 13	4.50 P	11							
			6	11 14 12 12	4.50 P	13							
8.0	Boring terminated at 12.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-30-2005	Complete Drilling	08-30-2005	While Drilling	∇	DRY	
Drilling Contractor	Precon 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 gradue.							

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 SP-09 & SP-10

SCALE: N.T.S. DRAWN BY: RTM
 DATE: MARCH 7, 2006 CHECKED BY: MPG