

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-37
 WEI Job No.: 414-07-01

Datum: CCD
 Elevation: 5.76 ft
 North: 1839537.41 ft
 East: 1176383.57 ft
 Station: 126+93
 Offset: 51' 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	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
3.3	30-inch thick, medium dense, brown LOAM --TOPSOIL--	5 13 14 16		1		NP	7								
3.3	Very soft to very stiff, brown to gray SILTY CLAY LOAM --A-4 (5)-- --LL=26%, PL=17%--	8 5 5 5		2	3.50	P	14								
5		7 3 1 1		3			20								
		1 1 2 3		4			15								
		8 4 7 8		5			13								
		6 10 12 13		6			14								
-5.5	Medium dense, gray coarse SAND														
-6.2	Boring terminated at 12.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	09-13-2005	Complete Drilling	09-13-2005	While Drilling	▽	DRY	
Drilling Contractor	Precon Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	J&L	Logger	N. Davis	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 SP-38
 WEI Job No.: 414-07-01

Datum: CCD
 Elevation: 2.84 ft
 North: 1839576.25 ft
 East: 1176216.73 ft
 Station: 125+44
 Offset: 33' 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	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
2.3	7-inch thick, CONCRETE --PAVEMENT--														
1.3	11-inch thick, CRUSHED STONE --BASE COURSE--														
0.3	Very stiff, gray CLAY --FILL--														
	Very dense, green and gray GRAVELLY SAND with slag --FILL--														
2.2	Very stiff to hard, gray SILTY CLAY	12 10 5 8		3			20								
		8 10 12 11		4			12								
		5 8 16 12		5			13								
		7 9 9 8		6			14								
-3.2	Boring terminated at 12.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-29-2005	Complete Drilling	08-29-2005	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 gradual.							

LEGEND

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

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

SHEET 19 OF 64

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)
 SOIL BORINGS SP-37 & SP-38

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