

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-045
 WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: 0.16 ft
 North: 1853688.48 ft
 East: 1177525.92 ft
 Station: 2323+21.94
 Offset: 72.28 RT

Client: T. Y. LIN International
 Project: Dan Ryan Improvements - Contract 17A
 Location: Halsted Street to 71st Street

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BORING LOG P-046
 WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: -2.06 ft
 North: 1853999.98 ft
 East: 1177497.28 ft
 Station: 2326+35.35
 Offset: 68.36 RT

Client: T. Y. LIN International
 Project: Dan Ryan Improvements - Contract 17A
 Location: Halsted Street to 71st Street

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
0.4	7-inch thick, black LOAM --TOPSOIL-- Stiff to hard, gray CLAY		1	3 4 4 4	4.50	17							
			2	1 2 4	1.50	19							
			3	4 6 11 12	2.25	18							
			4	1 2 5 5	2.25	17							
			5	2 2 8 8	4.50	18							
-10.8	Boring terminated at 11.00 ft												

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
4.4	7-inch thick CONCRETE --PAVEMENT--												
3.1	5-inch thick CRUSHED STONE --BASE COURSE-- Very stiff to hard, gray CLAY		1	5 5 5 5	3.50	19							
			2	3 4 4 5	3.50	19							
			3	6 9 13 13	4.25	18							
			4	1 3 5 5	4.50	17							
			5	3 3 7 8	4.50	17							
-13.1	Boring terminated at 11.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-18-2003	Complete Drilling	07-18-2003	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	K&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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Begin Drilling	07-18-2003	Complete Drilling	07-18-2003	While Drilling	▽	DRY	
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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-045 & P-046

S.N. DESIGNED BY: DJR
 SCALE: N.T.S. DRAWN BY: DJR
 DATE: MARCH 18, 2005 CHECKED BY: JPM