

W Wang Engineering, INC.
 Consulting Geotechnical and Environmental Engineers
 wangeng3@wangeng.com
 1145 Main Street
 Lombard, IL 60148
 Telephone: 630 953-9928
 Fax: 630 953-9938

BORING LOG P-028 Page 1 of 1

WEI Job No.: 414-07-01
 Client: T. Y. LIN International
 Project: Dan Ryan Improvements - Contract 17A
 Location: Halsted Street to 71st Street

Datum: CCD
 Elevation: 2.01 ft
 North: 1848779.00 ft
 East: 1177692.48 ft
 Station: 2214+12.74
 Offset: 65.27 RT

W Wang Engineering, INC.
 Consulting Geotechnical and Environmental Engineers
 wangeng3@wangeng.com
 1145 Main Street
 Lombard, IL 60148
 Telephone: 630 953-9928
 Fax: 630 953-9938

BORING LOG P-044 Page 1 of 1

WEI Job No.: 414-07-01
 Client: T. Y. LIN International
 Project: Dan Ryan Improvements - Contract 17A
 Location: Halsted Street to 71st Street

Datum: CCD
 Elevation: -0.22 ft
 North: 1853362.60 ft
 East: 1177534.26 ft
 Station: 2319+96.45
 Offset: 54.36 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blows/6 in)	U _u (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	U _u (tsf)	Moisture Content (%)
11.0	8-inch thick CONCRETE --PAVEMENT--	0.0													
10.0	4-inch thick CRUSHED STONE --BASE COURSE--	0.3													
9.0	Loose, gray SANDY GRAVEL --FILL--	1.0		1	9	NP	10								
8.0	Stiff, gray CLAY	2.0		2	3		18								
7.0		3.0		3	2		22								
6.0		4.0		4	3		21								
5.0		5.0		5	3		22								
4.0		6.0		6	3		22								
3.0		7.0		7	1		21								
2.0		8.0		8	1		21								
1.0		9.0		9	2		22								
0.0		10.0		10	3		22								
		11.0		11	4		22								
		12.0		12	3		22								
		13.0		13	4		22								
		14.0		14	3		22								
		15.0		15	4		22								
		16.0		16	3		22								
		17.0		17	4		22								
		18.0		18	3		22								
		19.0		19	4		22								
		20.0		20	3		22								
		21.0		21	4		22								
		22.0		22	3		22								
		23.0		23	4		22								
		24.0		24	3		22								
		25.0		25	4		22								

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blows/6 in)	U _u (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	U _u (tsf)	Moisture Content (%)
11.2	3-inch thick ASPHALT --PAVEMENT--	0.0													
10.0	Loose, brown, medium SAND --FILL--	1.0		1	8	NP	22								
9.0	Loose, gray SANDY LOAM	2.0		2	3		19								
8.0	Very stiff to hard, gray CLAY to SILTY CLAY	3.0		3	1		19								
7.0		4.0		4	2		18								
6.0		5.0		5	3		19								
5.0		6.0		6	5		19								
4.0		7.0		7	6		19								
3.0		8.0		8	8		19								
2.0		9.0		9	5		19								
1.0		10.0		10	4		18								
0.0		11.0		11	5		18								
		12.0		12	4		18								
		13.0		13	5		18								
		14.0		14	4		18								
		15.0		15	5		18								
		16.0		16	4		18								
		17.0		17	5		18								
		18.0		18	4		18								
		19.0		19	5		18								
		20.0		20	4		18								
		21.0		21	5		18								
		22.0		22	4		18								
		23.0		23	5		18								
		24.0		24	4		18								
		25.0		25	5		18								

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		
Checked by	S. Janowski			Depth to Water	∇	NA	
Drilling Method 3.25" ID HSA; Boring backfilled with bentonite upon completion				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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		
Checked by	S. Janowski			Depth to Water	∇	NA	
Drilling Method 3.25" ID HSA; Boring backfilled with bentonite upon completion				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-028 & P-044

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