

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-012
 WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: 1.40 ft
 North: 1843867.41 ft
 East: 1177837.95 ft
 Station: 2224+98.99
 Offset: 70.09 RT

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

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-017
 WEI Job No.: 414-07-01
 Datum: CCD
 Elevation: -1.99 ft
 North: 1845256.17 ft
 East: 1177785.74 ft
 Station: 2238+88.69
 Offset: 57.65 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 Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
0.8	7-inch thick CONCRETE --PAVEMENT--	0.8													
0.4	5-inch thick CRUSHED STONE --BASE COURSE--	0.4													
	Hard, gray CLAY to SILTY CLAY	1		14	5	7	4.50	11							
		2		7	4	6	4.50	12							
		3		11	9	10	4.50	12							
		4		9	8	11	4.50	12							
		5		7	9	10	4.50	12							
3.6		10													
	Boring terminated at 11.00 ft														

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
1.4	7-inch thick CONCRETE --PAVEMENT--	1.4													
4.4	5-inch thick CRUSHED STONE --BASE COURSE--	4.4													
3.6	Soft, black CLAY LOAM	5		1	7	5	NP	18							
	Loose to medium dense, brown SANDY LOAM	2		8	4	5	NP	6							
		3		6	2	2	< 0.25	22							
8.7	Very soft, gray CLAY	4		1	1	2	< 0.25	17							
		5		3	1	1	< 0.25	18							
		6		1	2	2	< 0.25	20							
15.0	Hard, gray CLAY	7		5	5	6	> 4.50	13							
17.0		15													
	Boring terminated at 15.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-02-2003	Complete Drilling	07-02-2003	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	J&B	Logger	Y. Shiu	Time After Drilling	NA		
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion			Depth to Water	▽	NA	

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-02-2003	Complete Drilling	07-02-2003	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	J&B	Logger	Y. Shiu	Time After Drilling	NA		
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion			Depth to Water	▽	NA	

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-012 & P-017

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