

**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-047** Page 1 of 1

WEI Job No.: 414-07-01

Datum: CCD  
Elevation: -5.02 ft  
North: 1854263.21 ft  
East: 1177481.93 ft  
Station: 2329+00.63  
Offset: 68.80 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 (%)
4.4	7-inch thick CONCRETE														
5.6	--PAVEMENT--														
6.0	5-inch thick CRUSHED STONE														
	--BASE COURSE--														
	Very stiff to hard, gray SILTY CLAY	1		12	4.50	13									
		5		8											
		7		8											
		8		7											
		2		5	3.75	17									
		4		4											
		5		5											
		5		5											
-10.3	Medium dense, gray SANDY LOAM	3		5	NP	21									
		5		13											
		9		9											
-12.3	Hard, gray SILTY CLAY	4		3	4.50	14									
		4		4											
		7		7											
		11		11											
		5		6	4.50	13									
		10		9											
		10		10											
-16.0	Boring terminated at 11.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-21-2003	Complete Drilling	07-21-2003	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	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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**BORING LOG P-048** Page 1 of 1

WEI Job No.: 414-07-01

Datum: CCD  
Elevation: -8.52 ft  
North: 1854547.21 ft  
East: 1177461.48 ft  
Station: 2331+86.78  
Offset: 58.56 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 (%)
4.4	7-inch thick CONCRETE														
5.4	--PAVEMENT--														
5.8	5-inch thick CRUSHED STONE														
	--BASE COURSE--														
	Hard, gray SILTY CLAY	1		9	4.50	13									
		5		5											
		6		6											
		8		8											
		8		5											
		5		4											
		2		8	4.50	15									
		4		8											
		5		5											
		5		4											
		3		6	4.50	14									
		2		2											
		5		5											
		11		11											
		4		9	4.50	12									
		4		9											
		11		11											
		16		16											
		5		12	4.50	12									
		10		9											
		10		11											
		14		14											
-19.5	Boring terminated at 11.00 ft														

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-21-2003	Complete Drilling	07-21-2003	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	
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-047 & P-048

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