

**Wang Engineering, INC.**  
 Consulting Geotechnical and Environmental Engineers  
 wangeng3@wangeng.com  
 1145 Main Street  
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**BORING LOG P-139** Page 1 of 1  
 WEI Job No.: 414-07-01  
 Datum: CCD  
 Elevation: -8.90 ft  
 North: 1846628.83 ft  
 East: 1177569.36 ft  
 Station: 1252+48.39  
 Offset: 57.99' 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

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**BORING LOG P-140** Page 1 of 1  
 WEI Job No.: 414-07-01  
 Datum: CCD  
 Elevation: -4.48 ft  
 North: 1846326.28 ft  
 East: 1177577.66 ft  
 Station: 1249+45.73  
 Offset: 58.37' 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 recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
4.4	8-Inch thick CONCRETE --PAVEMENT--	4.4					
9.6	4-Inch thick CRUSHED STONE --BASE COURSE--	4.4 - 9.6					
13	Very dense, brown and gray, coarse SAND --FILL--	9.6 - 13		1	13	NP	5
12.7	Very stiff to hard, gray SILTY CLAY	13 - 12.7		2	10	3.50 P	14
15		12.7 - 15		3	4	4.00 P	15
12		15 - 12		4	6	4.50 P	12
12		12 - 10		5	8	4.50 P	12
12		10 - 12			10		
12					12		

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
4.4	8-Inch thick CONCRETE --PAVEMENT--	4.4					
5.2	4-Inch thick CRUSHED STONE --BASE COURSE--	4.4 - 5.2					
12	Loose, gray SILT	5.2 - 12		1	3	NP	12
12	Hard, gray SILTY CLAY	12 - 8.2		2	6	4.50 P	12
12		8.2 - 12		3	7	4.50 P	12
12		12 - 10		4	7	4.50 P	12
13		10 - 12		5	7	4.50 P	13

GENERAL NOTES				WATER LEVEL DATA	
Begin Drilling	06-25-2003	Complete Drilling	06-25-2003	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				

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Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion				

**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-139 & P-140

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