


Wang Engineering, INC.  
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1145 Main Street  
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Telephone: 630 953-9928  
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## BORING LOG RB-20

WEI Job No.: 414-07-01

Client: T. Y. LIN International  
Project: Dan Ryan Improvements  
Location: From 95th Street to 69th Street

Datum: CCD  
Elevation: 16.71 ft  
North: 1839539.00 ft  
East: 1173364.00 ft  
Station: 7449+71  
Offset: 13' LT



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## BORING LOG RB-21

WEI Job No.: 414-07-01

Client: T. Y. LIN International  
Project: Dan Ryan Improvements  
Location: From 95th Street to 69th Street

Datum: CCD  
Elevation: 10.64 ft  
North: 1839529.00 ft  
East: 1173636.00 ft  
Station: 7446+98  
Offset: 6' LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
16.7	3-inch thick, ASPHALT over 9-inch thick CONCRETE												
16.2	--PAVEMENT--												
14.6	Hard, gray SILTY CLAY	1	1254	7	4.50	12							
	--FILL--												
	Loose, gray GRAVELLY SAND	2	334	2	3.25	30							
	--FILL--												
	Medium stiff to very stiff, gray CLAY	3	508	3	3.25	20							
		4	234	2	0.75	20							
		5	0134	0	1.00	19							
		6	6677	6	1.50	20							
	Boring terminated at 13.00 ft												

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
11.4	12-inch thick, ASPHALT												
10.6	--PAVEMENT--												
8.6	Medium dense, gray GRAVELLY SAND	1	807	8	NP	5							
	Stiff to hard, gray SILTY CLAY LOAM	2	444	4	1.00	20							
	--A-4 (6)--												
	--LL=28%, PL=18%--												
	Medium stiff, gray CLAY	3	568	5	0.50	18							
		4	7910	7	4.50	13							
	Hard, gray gravelly SILTY CLAY	5	489	4	4.50	13							
	Boring terminated at 11.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-17-2004	Complete Drilling	04-17-2004	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	K&A	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	04-17-2004	Complete Drilling	04-17-2004	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▽	DRY	
Driller	K&A	Logger	Y. Shiu	Time After Drilling	NA		
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion			Depth to Water	▽	NA	

**TYLIN INTERNATIONAL**

**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)

**BORING LOGS RB-20 & RB-21**

S.N. \_\_\_\_\_ DESIGNED BY: DJR  
SCALE: N.T.S. DRAWN BY: DJR  
DATE: MARCH 25, 2005 CHECKED BY: DAK

03/30/2005 05:52:17 PM