

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-0311	COOK	476	542
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

62583

**Wang Engineering, INC.**  
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**BORING LOG 6RIJ1** Page 1 of 1

WEI Job No.: 414-07-01  
 Client: T. Y. LIN International  
 Project: Dan Ryan Improvements; IDOT No. D-91-421-01  
 Location: From 95th Street to South of 69th Street

Datum: CCD  
 Elevation: 0.62 ft  
 North: 1856009.81 ft  
 East: 1177189.25 ft  
 Station: 7136+48  
 Offset: 60' LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	CU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	CU (tsf)	Moisture Content (%)
0.1	Brown SILTY CLAY LOAM --TOPSOIL-- Very stiff, brown SILTY CLAY --FILL--	0.1	1	9 6 7	2.62	14							
-2.4	Very stiff to hard, brown and gray SILTY CLAY	2.4	2	7 4 5	3.03	18	-28.4	Medium dense, gray GRAVELLY SANDY LOAM Medium dense, gray SILT	2.4	11	9 11 7	3.69	13
		5	3	2 4 5	2.54	17	-31.4	Medium dense, brown GRAVELLY SAND	5				
		10	4	4 8 11	4.51	17	-34.4		10	12	5 6 7	NP	24
-9.9	Medium dense, gray SILTY LOAM with silty clay interbeds	9.9	5	6 11 14	NP	16		Boring terminated at 35.00 ft					
-12.4	Very stiff to hard, gray SILTY CLAY	12.4	6	4 6 8	4.35	13							
		15	7	4 8 9	4.02	12							
		20	8	4 9 13	5.25	12							
		25	9	6 11 14	6.56	12							
		25	10	2 11 15	5.08	12							

<b>GENERAL NOTES</b>				<b>WATER LEVEL DATA</b>			
Begin Drilling	08-09-2004	Complete Drilling	08-09-2004	While Drilling	∇	29.75 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	J. Kasnick	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 6RKL1** Page 1 of 1

WEI Job No.: 414-07-01  
 Client: T. Y. LIN International  
 Project: Dan Ryan Improvements; IDOT No. D-91-421-01  
 Location: From 95th Street to South of 69th Street

Datum: CCD  
 Elevation: 5.85 ft  
 North: 1856430.42 ft  
 East: 1177136.77 ft  
 Station: 7132+34  
 Offset: 38' RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	CU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	CU (tsf)	Moisture Content (%)
5.3	Black LOAM --TOPSOIL-- Medium dense, brown SANDY LOAM --FILL--	5.3	1	8 8 8	NP	10							
	Very stiff to hard, gray SILTY CLAY	2.8	2	3 3 6	4.39	16							
		5	3	4 4 6	3.28	16							
		10	4	3 3 6	3.12	17							
		15	5	3 3 6	3.44	15							
		20	6	3 3 6	5.33	17							
		25	7	5 7 12	3.44	13							
		30	8	3 6 9	3.53	13							
		35	9	3 8 11	3.61	13							
		40	10	4 9 11	3.94	13							
		45											
		50											

<b>GENERAL NOTES</b>				<b>WATER LEVEL DATA</b>			
Begin Drilling	08-10-2004	Complete Drilling	08-10-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&L	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**

<b>REVISIONS</b>		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 90/94 (DAN RYAN EXPRESSWAY) 31st STREET to I-57 <b>BORING LOGS FOR HMLT'S          6 RIJ1 &amp; 6 RKL1</b>
NAME	DATE	
S.N.	DESIGNED BY: DJR	
SCALE: N.T.S.	DRAWN BY: DJR	
DATE: OCTOBER 29, 2004	CHECKED BY: TD	

SHEET 19 OF 30

10/15/2004 12:50:46 PM