

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-0311	COOK	976	591
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
		62583		

Wang Engineering, INC.
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BORING LOG 5RIJ3
 WEI Job No.: 414-07-01

Datum: CCG
 Elevation: 9.47 ft
 North: ft
 East: ft
 Station: 1337+90
 Offset: 100.5' 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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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Du (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	Du (tsf)	Moisture Content (%)
9.47	Medium dense, gray SANDY GRAVEL with clay interbeds --FILL--	0	1	6 8 7	NP	10	16.0	Very stiff to hard, gray gravelly SILTY CLAY	0	11	2 7 7	2.71 B	13
7.3	Very stiff, black CLAY LOAM --FILL--	2	2	6 4 4	NP	11			2	12	3 5 10	4.67 B	13
1.5	Loose, brown SAND, with perched water	5	3	4 3 2	NP	27			3	13	6 15 16	2.46 B	8
2.8	Stiff to very stiff, gray CLAY	10	4	3 3 3	1.80 B	19			4	14	3 6 12	3.94 B	20
		15	5	3 3 4	1.89 B	20			5	15	3 6 12	3.94 B	20
		20	6	1 2 5	3.61 B	19			6	16	2 5 7	3.77 B	18
		25	7	2 5 7	3.77 B	18			7	17	3 6 11	3.20 S	17
12.0	Very stiff, gray SILTY CLAY	30	8	3 6 11	3.20 S	17			8	18	4 9 10	NP	23
14.5	Medium dense, gray SILT	35	9	4 9 10	NP	23			9	19			
		40	10						10	20			
		45											
		50											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-30-2004	Complete Drilling	08-30-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	J&L	Logger	N. Davis	Checked by		E. Datz	
Drilling Method	3.25" ID HSA; Boring back-filled with bentonite upon completion			Time After Drilling		NA	
				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 6RIJ2
 WEI Job No.: 414-07-01

Datum: CCG
 Elevation: -3.17 ft
 North: 1855593.11 ft
 East: 1177210.10 ft
 Station: 1342+20
 Offset: 104' 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

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Du (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/6 in)	Du (tsf)	Moisture Content (%)
-3.9	9-inch thick, very stiff, brown SILTY CLAY LOAM --TOPSOIL--	0	1	8 6 5	5.82 B	17	-28.7	Loose, gray SILT	0	12	2 3 4	NP	21
		2	2	5 5 5	2.13 B	19	-30.1	Loose, gray SANDY LOAM	2	13	1 2 9	NP	12
		5	3	3 4 10 7	4.59 B	17	-31.3	Loose, gray SILT	5	14	17 27 36	7.13 S	12
		10	4	5 7 8 10	4.84 B	17			10	15	13 50 60	6.56 S	12
		15	5	7 9 8 11	1.39 S	13			15	16			
		20	6	5 7 11	4.26 B	12			20	17			
		25	7	4 7 10	4.43 B	13			25	18			
		30	8	6 8 9	5.17 B	13			30	19			
		35	9	4 5 7	3.36 B	13			35	20			
		40	10	2 5 11	3.85 B	13			40	21			
		45	11	3 5 7	2.05 B	20			45	22			
		50							50				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-09-2004	Complete Drilling	08-25-2004	While Drilling	∇	26.80 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	∇	18.00 ft	
Driller	J&L	Logger	J. Kasnick	Checked by		N. Davis	
Drilling Method	3.25" ID HSA; Boring back-filled with bentonite upon completion			Time After Drilling		NA	
				Depth to Water	∇	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

TYLIN INTERNATIONAL

LEGEND

NP	NON-PLASTIC
B	BULGE FAILURE
S	SHEAR FAILURE
P	POCKET PENETROMETER

REVISIONS	
NAME	DATE

SHEET 18 OF 30

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 31st STREET to I-57
**BORING LOGS FOR HMLT'S
 5 RIJ3 & 6 RIJ2**

S.N. DESIGNED BY: DJR
 SCALE: N.T.S. DRAWN BY: DJR
 DATE: OCTOBER 29, 2004 CHECKED BY: TD

10/15/2004 12:50:45 PM

PA:0237-31road\02-5026183497