

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-0311	COOK	476	539
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62583

**W** Wang Engineering, Inc.  
Consulting Geotechnical and Environmental Engineers  
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**BORING LOG 5PAB3** 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: 8.64 ft  
North: 1847881.67 ft  
East: 1177467.83 ft  
Station: 1265+04  
Offset: 124' LT

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**BORING LOG 5PAB1** 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: 7.09 ft  
North: 1848789.81 ft  
East: 1177459.79 ft  
Station: 7181+59  
Offset: 32' RT

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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.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
7.5	Gray SANDY LOAM --TOPSOIL--												
	Loose, brown SAND --FILL--	1	4	2	NP	13			10	5	8	3.94	13
5.5	Very stiff, black CLAY LOAM --FILL--	2	1	1	2.50	4			12	5	8	4.35	13
3.1	Soft to medium stiff, gray CLAY	3	2	1	0.49	25	23.4	Very dense, gray SILTY LOAM	3	2	2	0.82	22
		4	1	0	0.41	22	26.4	Boring terminated at 35.00 ft	4	1	1	0.57	24
		5	0	1	0.49	23			5	1	1	0.33	23
		6	0	1	0.66	21			6	1	1	0.57	20
-6.9	Very stiff, gray SILTY CLAY	7	2	8	3.94	19			7	4	8	5.90	13
-8.4	Medium dense, gray, coarse SAND to SANDY LOAM	8	4	7	NP	18			8	7	12	2.87	10
-11.9	Very stiff to hard, gray SILTY CLAY	9	5	8	4.92	13			9	8	22	NP	12
		11	6	9	3.77	14			11	25	42	NP	9

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.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
6.6	Brown SILTY CLAY LOAM --TOPSOIL--												
3.8	Very stiff, brown SILTY CLAY --FILL--	1	5	5	NP	6	18.4	Hard, gray SILTY CLAY	1	5	5	NP	6
	Loose, brown, fine SAND --FILL--	2	3	4	3.36	21			2	3	4	3.36	21
4.1	Very stiff, brown and gray SILTY CLAY	3	2	2	0.82	22			3	2	2	0.82	22
1.6	Soft to medium stiff, gray CLAY	4	1	1	0.57	24			4	1	1	0.57	24
		5	1	1	0.33	23			5	1	1	0.33	23
		6	1	1	0.57	20			6	1	1	0.57	20
		7	4	8	5.90	13			7	4	8	5.90	13
8.4	Hard, gray SILTY CLAY	8	7	12	2.87	10			8	7	12	2.87	10
11.7	Medium dense, gray SANDY LOAM	9	8	22	NP	12			9	8	22	NP	12
12.2	Very stiff, gray SILTY CLAY	10	9	11	6.64	12			10	9	11	6.64	12
14.9	Dense, gray SILT	11	25	42	NP	9			11	25	42	NP	9

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-10-2004	Complete Drilling	08-10-2004	While Drilling	∇	19.00 ft	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	DRY	
Driller	K&M Logger	B. Fugiel	Checked by N. Davis	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	08-10-2004	Complete Drilling	08-10-2004	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	∇	DRY	
Driller	J&L Logger	J. Kosnick	Checked by L.I.	Time After Drilling	NA		
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion			Depth to Water	∇	NA	

**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. 90/94 (DAN RYAN EXPRESSWAY)  
31st STREET to I-57  
BORING LOGS FOR HMLT'S  
5 PAB3 & 5 PAB1

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

SHEET 16 OF 30

10/15/2004 12:50:43 PM