

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-0311	COOK	976	546
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62583

**Wang Engineering, INC.**  
Consulting Geotechnical and Environmental Engineers  
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1145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
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**BORING LOG 6MIJ1**  
WEI Job No.: 414-07-01  
Datum: CCD  
Elevation: 0.95 ft  
North: 1839171.99 ft  
East: 1179070.99 ft  
Station: 2018+50  
Offset: 66' RT

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	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
0.5	6-inch thick, brown CLAY LOAM --TOPSOIL--								CLAY						
	Very stiff to hard, brown CLAY, with slit interbeds			1	4 6 6	4.18 B	22					11	15 22 25	8.20 B	11
				2	5 5 6	2.62 S	24					30	25 32 39	10.25 B	11
4.5	Medium dense, gray SILT			3	5 8 8	NP	19								
7.8	Stiff, gray SILTY CLAY			4	4 4 5	1.72 B	22					35	30 41 47	5.66 B	10
9.5	Hard, gray SILTY CLAY			5	4 7 9	7.38 B	12		Boring terminated at 35.00 ft						
12.8	Dense, gray, medium SAND			6	4 16 25	7.05 B	13					40			
14.5	Hard, gray SILTY CLAY			7	7 10 11	NP	22								
	Medium dense to dense, gray SILT to gravelly SILTY LOAM, moist			8	7 10 10	NP	20					45			
				9	6 11 13	NP	14								
21.5	Hard, gray, gravelly SILTY			10	10 19 21	NP	12					50			

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-12-2004	Complete Drilling	08-12-2004	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	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.							

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**BORING LOG 6MIJ2**  
WEI Job No.: 414-07-01  
Datum: CCD  
Elevation: -3.46 ft  
North: 1839380.73 ft  
East: 1178701.12 ft  
Station: 2022+91  
Offset: 64' RT

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	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
4.0	6-inch thick, brown CLAY LOAM --TOPSOIL--								CLAY						
	Medium dense, brown and gray SILTY LOAM			1	6 6 5	NP	19					11	18 26 29	5.99 B	10
				2	4 6 7	NP	15					30	24 21 50/5	8.28 B	10
9.0	Very stiff to hard, gray SILTY CLAY			3	5 4 6	4.43 B	14		--AUGER REFUSAL-- Boring terminated at 30.00 ft						
				4	2 3 5	2.62 B	15					35			
14.8	Very stiff, gray CLAY			5	1 4 6	2.30 B	17								
16.5	Stiff to hard, gray SILTY CLAY			6	4 9 11	1.80 S	13					40			
				7	6 15 16	7.46 B	7								
22.5	Dense, gray SILT			8	9 16 21	7.38 B	11					45			
24.0	Hard, gray gravelly SILTY CLAY, with interbeds of silt			9	13 20 27	8.45 S	10								
				10	13 21 30	8.53 S	11					50			

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	08-12-2004	Complete Drilling	08-12-2004	While Drilling	▽	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	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**

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  
6 MIJ1 & 6 MIJ2

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

10/15/2004 12:50:50 PM P:\02373\road\02\9025\2354\07