F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-031I	COOK	476	525
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62583

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG 6ACD1

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: 6.12 ft
North: 1839674.33 ft
East: 1176395.29 ft
Station: 127+50
Offset: 75' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)
5.8	4-inch thick, brown SILTY CLAY LOAM --TOPSOIL-	
4.8	Hard, brown gravelly SILTY CLAY --FILL-	
	Stiff to hard, gray SILTY CLAY	5, 10, 15, 20, 25
-16.9	Hard, gray SILTY CLAY, with sand interbeds	30, 35, 40, 45, 50
-27.4	--AUGER REFUSAL--	
-28.0	--BEDROCK--	
	Boring terminated at 33.60 ft	

Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
1	6 3 5	3.03 B	16	9 18 22	10.25 B	10
2	2 2 3	2.05 B	17	10 16 19	10.00 S	11
3	2 1 2	1.15 B	17			
4	2 3 5	3.44 B	12	13 50/1	NP	
5	3 5 7	6.56 B	12			
6	3 4 6	6.31 B	13			
7	2 4 6	3.94 B	14			
8	4 4 5	3.85 B	15			
9	5 8 10	7.46 B	12			
10	5 10 14	9.84 B	11			

GENERAL NOTES

Begin Drilling: 08-18-2004 Complete Drilling: 08-18-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: J. Kasnick Checked by: N. Davis
Drilling Method: 3.25" ID HSA; Boring backfilled with bentonite upon completion

WATER LEVEL DATA

While Drilling: 33.50 ft
At Completion of Drilling: 27.00 ft
Time After Drilling: NA
Depth to Water: NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

BORING LOG 6ACD2

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Telephone: 630 953-9928
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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: 8.44 ft
North: 1839880.35 ft
East: 1176793.68 ft
Station: 132+17
Offset: 78' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)
7.9	6-inch thick, brown SILTY CLAY LOAM --TOPSOIL-	
7.2	Hard, brown SILTY CLAY --FILL-	
	Medium stiff to hard, gray SILTY CLAY	5, 10, 15, 20, 25
-4.6	Dense, gray SILT	
-5.6	Very stiff to hard, gray SILTY CLAY, with silt interbeds	30, 35, 40, 45, 50
-26.6	Boring terminated at 35.00 ft	

Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
1	5 6 7	5.82 B	16	3 9 11	6.64 S	12
2	3 3 3	2.87 B	18	7 13 17	10.25 B	11
3	1 1 2	1.15 B	20			
4	1 1 1	0.98 B	18	6 9 12	8.69 B	14
5	3 8 12	6.48 B	11			
6	7 16 23	4.84 S	10			
7	5 8 11	7.05 S	12			
8	2 5 5	3.85 B	15			
9	2 4 7	4.67 B	16			
10	4 8 8	7.63 B	13			

GENERAL NOTES

Begin Drilling: 08-20-2004 Complete Drilling: 08-20-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: J. Kasnick Checked by: N. Davis
Drilling Method: 3.25" ID HSA; Boring backfilled with bentonite upon completion

WATER LEVEL DATA

While Drilling: DRY
At Completion of Drilling: DRY
Time After Drilling: NA
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

TY·LIN INTERNATIONAL

SHEET 2 OF 30

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 ACD1 & 6 ACD2

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

WANGENGINC 414070LGP.J WANGENG.GDT 10/13/04

P:\0237\road\02\s002st02\03.dgn 10/15/2004 12:50:30 PM