F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-031I	COOK	476	534
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
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BORING LOG 5MKL3

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: 3.81 ft
North: 1838836.53 ft
East: 1180490.04 ft
Station: 1128+26
Offset: 41' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
3.1	8-inch thick, brown SILTY CLAY LOAM --TOPSOIL--					
	Very stiff to hard, brown and gray SILTY CLAY		1	4 5 6	3.77 B	19
		5	2	4 4 6	3.28 B	18
			3	5 7 9	4.51 B	20
		10	4	3 5 9	3.44 B	20
-6.7	Very stiff, brown CLAY					
			5	2 6 8	2.08 B	9
-9.2	Very stiff to hard, SILTY CLAY					
		15	6	2 5 6	3.94 B	15
			7	2 6 8	5.17 B	14
		20	8	7 9 12	7.38 B	14
			9	7 12 12	7.63 B	14
		25	10	11 20 23	> 4.50 P	11
-26.2	Boring terminated at 30.00 ft	30	11	11 27 40	> 4.50 P	12
			12	21 31 44	> 4.50 P	11
		35				
		40				
		45				
		50				

GENERAL NOTES

Begin Drilling: 08-06-2004 Complete Drilling: 08-06-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 ATV
Driller: K&M Logger: B. Fugiel 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.

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BORING LOG 5MKL2

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: 5.62 ft
North: 1838812.25 ft
East: 1180036.87 ft
Station: 1132+79
Offset: 52' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
5.1	6-inch thick, brown SILTY CLAY LOAM --TOPSOIL--					
	Very stiff to hard, gray SILTY CLAY		1	4 4 5	4.10 B	19
		5	2	4 4 5	3.28 B	24
			3	2 4 6	2.12 B	20
		10	4	1 4 5	4.92 B	24
-4.9	Stiff, gray CLAY					
			5	1 3 5	1.64 B	26
-7.4	Very stiff, gray SILTY CLAY LOAM, with sand interbeds					
		15	6	1 3 6	2.50 P	28
-9.9	Very stiff to hard, gray SILTY CLAY					
			7	5 6 8	2.46 B	13
		20	8	7 13 21	> 4.50 P	12
			9	12 14 19	6.15 S	13
-17.4	Very dense, gray SILT					
		25	10	19 24 35	NP	14
	Boring terminated at 25.00 ft	30				
		35				
		40				
		45				
		50				

GENERAL NOTES

Begin Drilling: 08-06-2004 Complete Drilling: 08-06-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 ATV
Driller: J&L Logger: B. Fugiel Checked by: N. Davis
Drilling Method: 3.25" ID HSA; Boring backfilled with bentonite upon completion

WATER LEVEL DATA

While Drilling: 14.00 ft
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

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 MKL3 & 5 MKL2

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

10/15/2004 12:50:38 PM