F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2003-0311	COOK	476	553
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62583

Wang Engineering, INC.
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BORING LOG 6RGH1

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: 8.38 ft
North: 1857715.34 ft
East: 1177476.70 ft
Station: 2363+54
Offset: 148' RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	7.6	3-inch thick, ASPHALT over 6-inch thick, CONCRETE --PAVEMENT--						
	6.6	3-inch thick, CRUSHED STONE --BASE COURSE--			1	5 3 2	NP	12
	5.4	Loose, brown SAND --FILL--						
		Very soft, black SILTY CLAY LOAM --FILL--	5		2	5 2 1	10.25 B	72
	2.9	Loose, brown and gray SAND --FILL--						
	2.1	Stiff to hard, gray SILTY CLAY			3	1 2 3	2.30 B	18
			10		4	1 3 4	1.80 B	18
					5	1 3 4	2.71 B	18
			15		6	1 3 4	3.03 B	17
					7	1 3 5	3.12 B	18
			20		8	2 5 8	5.00 B	17
	-12.1	Medium dense, gray, GRAVELLY SANDY LOAM						
	-13.1	Hard, gray gravelly SILTY CLAY			9	5 12 8	5.25 B	12
			25		11	4 6 9	5.08 B	13

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
					12	8 10 10	5.90 B	12
			30		13	4 8 10	6.15 B	13
			35		14	5 8 8	6.15 B	12
	-30.8 -31.0	--SPOON REFUSAL-- --POSSIBLE BEDROCK-- Boring terminated at 39.42 ft	40		15	19 -50/5-	>4.50 P	10
			45					
			50					

GENERAL NOTES

Begin Drilling: 08-23-2004 Complete Drilling: 08-23-2004
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 30 OF 30

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
31st STREET to I-57

BORING LOG FOR HMLT 6 RGH1

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

WANGENGINC 414071LBP.1 WANGENG.IDT 10/14/04
P:\0237 3\road\02\80129\03a.dgn 10/15/2004 12:50:56 PM