F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1516.1-I-1	COOK	195	175
STA. 2016+35		TO STA. 2353+03		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62872

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 JP-41

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: 1.14 ft
North: 1839082.99 ft
East: 1179232.06 ft
Station: 243+27.80
Offset: 2047.24 RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	13-inch thick, black SANDY LOAM					
0.0	--TOPSOIL--					
	Very stiff to hard, brown and gray, gravelly SILTY CLAY to CLAY		1	6 6 6	3.36 S	15
		5	2	8 9 8	4.92 S	10
			3	3 5 7	2.95 B	17
-6.9	Loose, gray SILT, with interbeds of sand		4	4 3 5	NP	14
		10				
-10.1	Very stiff, SILTY CLAY, with interbeds of silt		5	4 4 4	3.77 S	13
-11.9	Medium dense, gray, gravelly SILT					
-12.7	Very stiff to hard, gray, gravelly SILTY CLAY to CLAY	15	6	3 6 7	3.03 S	12
			7	3 9 14	3.85 S	12
-18.4			8	5 12 20	5.58 B	16
-18.9	Dense, gray SILT	20				
	Boring terminated at 20.00 ft					
		25				

GENERAL NOTES

Begin Drilling: 05-05-2003 Complete Drilling: 05-05-2003
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: K&J Logger: S. Patel Checked by: N. Davis
Drilling Method: 3.25" ID HSA; Boring backfilled with bentonite upon completion

WATER LEVEL DATA

While Drilling: ▽ 8.50 ft
At Completion of Drilling: ▼ 9.00 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.

WANGENGINC 414070L.GPJ WANGENG.GDT 7/15/03

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BORING LOG JP-42

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: 3.03 ft
North: 1839043.47 ft
East: 1179218.79 ft
Station: 243+08.33
Offset: 2058.64 RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
2.4	7-inch thick ASPHALT					
2.1	--PAVEMENT--					
	4-inch thick CONCRETE					
0.8	--PAVEMENT--					
	Very stiff, brown and gray CLAY		1	7 5 6	3.75 P	13
	--FILL--					
	Very stiff to hard, gray CLAY					
		5	2	4 3 5	3.20 B	20
			3	3 5 8	3.53 B	19
		10	4	3 4 7	2.21 S	19
			5	4 4 6	3.85 S	13
		15	6	3 6 6	5.00 S	13
			7	4 9 11	6.15 S	10
-17.0		20	8	6 12 16	8.28 S	11
	Boring terminated at 20.00 ft					
		25				

GENERAL NOTES

Begin Drilling: 05-27-2003 Complete Drilling: 05-28-2003
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: K&J Logger: S. Patel 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.

WANGENGINC 414070L.GPJ WANGENG.GDT 7/15/03

LEGEND

NP	NON-PLASTIC
B	BULGE FAILURE
S	SHEAR FAILURE
P	POCKET PENETROMETER

FOR INFORMATION ONLY. CONTRACTOR SHALL FIELD VERIFY SOIL DATA.

T·Y·LIN INTERNATIONAL

SHEET 1 OF 2

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)

BORING LOGS JP-41 & JP-42
FOR STRUCTURE #71

S.N.
SCALE: N.T.S.
DATE: OCTOBER 4, 2004

DESIGNED BY: DJR
DRAWN BY: DJR
CHECKED BY: TD