F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	907	897A
STA. 1200+00.00	TO STA. 1365+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-9				62695

FOR SIGN STRUCTURE AT STA. 117+30

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 6AIJ2

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: 15.18 ft
North: 1839583.65 ft
East: 1175485.76 ft
Station: 118+00
Offset: 76' LT

Elevation (ft)	Depth (ft)	SOIL AND ROCK DESCRIPTION	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
14.8	0.4	3-inch thick, black LOAM --TOPSOIL--					
		Stiff, brown and gray CLAY		1	4 3 3	1.89 B	28
	5			2	3 2 3	1.23 B	31
8.7	6.5	Very soft to medium stiff, gray CLAY		3	1 1 2	0.33 B	46
	10			4	0 0 4	0.25 P	42
				5	0 0 1	0.16 B	23
	15			6	0 1 3	0.66 B	19
1.3	13.9	Hard, gray gravelly SILTY CLAY		7	3 7 13	5.33 B	13
-2.2	15.4	Medium dense, gray SANDY LOAM					
-2.8	16.0	Hard, gray gravelly SILTY CLAY		8	4 8 12	4.76 B	12
	20			9	6 10 14	5.99 B	13
	25			10	6 6 9	4.89 B	15
-17.3	32.5	Very dense, gray gravelly SILT		11	7 17 19	5.66 S	11
	30			12	6 12 16	7.38 B	11
	35			13	50/2	NP	13
-22.8	37.8	Rock fragments recovered --AUGER REFUSAL-- POSSIBLE BEDROCK--		14	50/2	NP	
-23.5	38.5	Boring terminated at 38.50 ft					
	40						
	45						
	50						

GENERAL NOTES

Begin Drilling: 08-27-2004 Complete Drilling: 08-27-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: N. Davis Checked by: E. Datz
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 414070LGPJ WANGENG.GDT 10/13/04

FOR SIGN STRUCTURE AT STA. 133+09

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 SB SGN 13A

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 Souh of 69th Street

Datum: CCD
Elevation: 0.47 ft
North: 1839900.39 ft
East: 1176881.61 ft
Station: 133+09
Offset: 68' LT

Elevation (ft)	Depth (ft)	SOIL AND ROCK DESCRIPTION	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
-0.2	0.7	8-inch thick, black CLAY LOAM --TOPSOIL--					
		Stiff to hard, gray SILTY CLAY		1	4 6 6	6.64 B	15
	5			2	3 4 5	1.97 B	14
-5.0	5.5	Medium stiff, gray CLAY		3	2 2 3	0.82 B	15
-7.5	8.0	Very stiff, gray SILTY CLAY		4	6 11 12	3.12 S	13
-9.3	9.8	Medium dense, gray SILT					
-10.0	10.5	Stiff to hard, gray SILTY CLAY, trace sand		5	5 8 8	7.46 B	12
	15			6	3 6 8	4.92 B	13
	20			7	4 6 10	7.38 B	12
				8	5 7 9	6.97 B	13
	25			9	5 9 10	8.12 B	12
				10	8 12 12	1.23 B	10
-24.8	25.3	Medium dense, gray SAND		11	14 17 19	9.84 S	11
		Hard, gray SILTY CLAY					
	30			12	14 15 19	5.33 S	10
-33.3	33.8	Dense, gray SILT, with silty clay interbeds		13	12 20 19	NP	15
-34.5	35	Boring terminated at 35.00 ft					
	40						
	45						
	50						

GENERAL NOTES

Begin Drilling: 03-17-2005 Complete Drilling: 03-17-2005
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: Y. Shiu Checked by: N. Davis
Drilling Method: 3.25" ID. HSA; Boring backfilled with bentonite upon completion

WATER LEVEL DATA

While Drilling: ▽ 25.50 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.

WANGENGINC 414070LGPJ WANGENG.GDT 5/4/05

LEGEND

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

T-Y LIN INTERNATIONAL

SHEET OF

REVISIONS	
NAME	DATE
REVISED	05/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)

SOIL BORINGS FOR SIGN STRUCTURES AT STA. 117+30 & STA. 133+09

S.N.
SCALE: N.T.S.
DATE: MARCH 25, 2005
DESIGNED BY: DJR
DRAWN BY: DJR
CHECKED BY: JPM

05/05/2005 08:05:46 AM