F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	907	897B
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. 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 13B

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: 1.53 ft
North: 1839848.19 ft
East: 1176921.45 ft
Station: 133+09
Offset: 12' RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	1.0	6-inch thick, black LOAM --TOPSOIL--						
		Very stiff, gray SILTY CLAY --FILL--			1	5 7 7	2.38 S	15
	-2.2	Medium stiff, gray CLAY	5		2	4 4 3	0.90 B	18
	-4.0	Very stiff, gray SILTY CLAY			3	2 5 3	3.69 S	16
	-7.7	Very stiff, gray CLAY	10		4	3 4 5	2.87 B	14
					5	3 4 5	3.69 B	16
	-14.0	Hard, gray SILTY CLAY	15		6	2 2 4	2.38 B	16
					7	3 6 9	6.40 B	13
			20		8	6 10 12	9.02 S	9
					9	6 12 13	9.84 S	11
			25		10	8 12 12	9.43 B	11
	-33.5	Boring terminated at 35.00 ft	35		11	7 10 11	9.84 B	13
					12	8 18 15	> 4.50 P	12
			30		13	16 23 23	> 4.50 P	14
			40					
			45					
			50					

GENERAL NOTES

Begin Drilling: 03-18-2005 Complete Drilling: 03-18-2005
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: ▽ 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 414070LOG.PJ WANGENG.GDT 5/4/05

FOR SIGN STRUCTURE AT STA. 149+87

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 50AB2

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: 3.17 ft
North: 1841352.81 ft
East: 1177639.30 ft
Station: 150+31
Offset: 72' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	2.4	Brown SILTY CLAY LOAM --TOPSOIL--						
		Very stiff, gray SILTY CLAY			1	6 6 7	3.61 S	15
	-2.3	Dense, gray GRAVELLY SANDY LOAM	5		2	4 5 6	2.87 B	14
	-4.8	Hard, gray SILTY CLAY			3	9 15 16	NP	8
	-9.8	Medium dense, gray SANDY LOAM	10		4	4 7 9	6.15 B	13
	-11.3	Very stiff to hard, gray SILTY CLAY			5	3 7 15	5.41 S	13
			15		6	3 12 13	NP	13
					7	6 12 13	6.31 S	12
			20		8	5 13 13	7.05 S	12
			25		9	8 15 12	5.17 S	10
	-31.8	Boring terminated at 35.00 ft	35		10	18 26 27	3.20 S	10
					11	18 23 27	2.46 S	9
			40					
			45					
			50					

GENERAL NOTES

Begin Drilling: 08-10-2004 Complete Drilling: 08-10-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 ATV
Driller: J&L Logger: J. Kasnick Checked by: L.I.
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 414070LOG.PJ WANGENG.GDT 10/14/04

LEGEND

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

TY·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. 133+09 & STA. 149+87

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

05/06/2005 08:06:47 AM