F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	907	897C
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. 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 SB SGN 15B

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: -0.30 ft
North: 1841269.15 ft
East: 1177729.12 ft
Station: 149+87
Offset: 39' RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
-1.3	12-inch thick, CONCRETE --PAVEMENT--					
	Medium dense, gray SILTY LOAM		1	8 6 4	--	
		5	2	17 11 11	NP	18
-5.8	Hard, gray CLAY					
			3	6 8 9	4.18 B	14
		10	4	7 10 11	4.67 B	15
			5	6 7 9	4.35 B	14
-14.3	Dense, gray SILTY LOAM					
		15	6	9 15 20	NP	10
-15.8	Hard, gray SILTY CLAY					
			7	6 7 9	5.58 B	13
		20	8	6 12 16	4.51 B	10
			9	10 20 19	5.41 B	11
-25.3		25	10	5 8 12	7.71 B	19

Boring terminated at 25.00 ft

GENERAL NOTES

Begin Drilling: 04-13-2005 Complete Drilling: 04-13-2005
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: H. Suhail 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.

FOR SIGN STRUCTURE AT STA. 1224+00

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 35-10

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: 17.07 ft
North: 1843758.75 ft
East: 1177569.00 ft
Station: 1223+79.5
Offset: 140.505' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
16.5	2-inch thick, ASPHALT --PAVEMENT--					
16.1	10-inch thick, CONCRETE --PAVEMENT--					
15.5	Loose, brown SAND --FILL--					
	Stiff, brown and gray CLAY --FILL--		1	2 3 2	1.50 P	9
		5	2	6 3 4	1.97 B	31
12.1	Medium stiff to stiff, brown and gray CLAY					
			3	3 2 4	1.80 B	22
		10	4	2 2 2	0.57 B	21
6.6	Very soft, gray CLAY					
			5	1 1 1	< 0.25 P	18
4.1	Soft to stiff, gray CLAY					
		15	6	1 1 2	0.74 B	22
			7	0 1 1	0.41 B	22
		20	8	1 2 4	1.97 B	14
-4.9	Very stiff to hard, gray SILTY CLAY, with gravel					
			9	10 15 18	> 4.50 P	10
		25	10	7 11 13	> 4.50 P	11
		30	11	14 16 18	> 4.50 P	11
			12	9 10 14	> 4.50 P	11
		35	13	7 9 12	3.28 B	10
-22.1	POSSIBLE BOULDER or BEDROCK --AUGER REFUSAL--	40	14	20 100/2	> 4.50 P	11

Boring terminated at 39.20 ft

GENERAL NOTES

Begin Drilling: 01-06-2004 Complete Drilling: 01-06-2004
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: K. Jacob 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 OF

REVISIONS	
NAME	DATE
REVISED	05/06/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

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

SOIL BORINGS FOR SIGN STRUCTURES
STA. 149+87 & STA. 1224+00

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