F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	852H
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-8				62694

FOR SIGN STRUCTURE AT STA. 2282+42

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 09B

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: 1.11 ft
North: 1849615.25 ft
East: 1177735.68 ft
Station: 2282+42
Offset: 100' RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	0.9	3-inch thick, black SILTY LOAM --FILL--						
	-0.1	Stiff, black, brown, and gray CLAY --FILL--			1	4 2 2	NP	25
		Loose, brown and black SANDY LOAM to SAND --FILL--	5		2	3 3 3	NP	13
	-4.4	Soft to stiff, gray CLAY			3	0 0 0	0.49 B	21
			10		4	0 2 3	1.07 B	21
					5	1 4 5	1.23 B	20
			15		6	2 5 5	1.80 B	19
	-14.4	Very stiff to hard, gray gravelly SITLY CLAY to SILTY CLAY LOAM			7	7 9 11	4.25 P	13
			20		8	8 8 9	3.61 B	14
					9	6 7 10	3.61 B	14
			25		10	5 6 9	> 4.50 P	12
	-24.4	Dense, gray SILT			11	15 22 22	NP	20
	-26.9	Very stiff to hard, gray gravelly SILTY CLAY to SILTY CLAY LOAM	30		12	8 14 13	3.12 S	12
					13	8 10 13	4.02 S	13
	-32.6	Dense, gray SILT			14	19 17 23	NP	11
	-33.9	Boring terminated at 35.00 ft	35					
			40					
			45					
			50					

GENERAL NOTES

Begin Drilling: 02-18-2005 Complete Drilling: 02-18-2005
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: K&A 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.

FOR SIGN STRUCTURE AT STA. 2290+90

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 10A

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: -9.50 ft
North: 1850352.21 ft
East: 1177580.69 ft
Station: 2290+90
Offset: 12' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	-10.8	15-inch thick, CONCRETE --PAVEMENT--						
	-11.3	6-inch thick, CRUSHED STONE --BASE COURSE--			1	12 6 7	> 4.50 P	12
		Hard, gray gravelly SILTY CLAY	5		2	8 10 12	6.15 B	12
			10		3	10 11 13	7.46 B	11
					4	7 14 19	4.51 S	11
					5	8 9 11	6.15 S	12
			15		6	6 7 8	5.74 B	13
	-25.0	Hard, gray gravelly SILTY CLAY, with silt interbeds			7	7 29 50	> 4.50 P	9
			20		8	8 50/5	> 4.50 P	11
	-31.0	Very dense, gray SILTY LOAM			9	50/5	> 4.50 P	10
	-33.4		25		10	50/5	NP	6
			30					
			35					
			40					
			45					
			50					
		Boring terminated at 25.00 ft						

GENERAL NOTES

Begin Drilling: 04-07-2005 Complete Drilling: 04-07-2005
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.

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. 2282+42 & STA. 2290+90

S.N.
SCALE: N.T.S.
DATE: MARCH 18, 2005
DESIGNED BY: DJR
DRAWN BY: DJR
CHECKED BY: JPM

WANGENGINC 414070.GPJ WANGENG.GDT 5/4/05

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