F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	907	897G
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. 1286+85

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 21B

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: -9.75 ft
North: 1850076.92 ft
East: 1177532.29 ft
Station: 1286+85
Offset: 12' RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	12-inch thick, CONCRETE --PAVEMENT--						
-10.8	4-inch thick, CRUSHED STONE --BASE COURSE--						
	Hard, gray CLAY to SILTY CLAY			1	17 5 7	> 4.50 P	12
				2	15 15 16	7.87 B	11
		5					
				3	14 11 15	7.22 B	12
				4	10 12 15	7.38 B	11
		10					
				5	10 12 16	7.54 B	12
				6	6 10 12	6.23 B	12
		15					
-25.3	Dense to very dense, gray SILT to SILTY LOAM						
				7	9 21 26	NP	9
				8	8 22 25	NP	10
		20					
				9	14 34 44	NP	10
				10	8 30 55/5	NP	8
-34.7		25					

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	Boring terminated at 24.94 ft						
		30					
		35					
		40					
		45					
		50					

GENERAL NOTES

Begin Drilling: 04-11-2005 Complete Drilling: 04-12-2005
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. 1355+91

Wang Engineering, INC.
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1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG SB SGN 22A

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: 0.02 ft
North: 1856975.63 ft
East: 1177202.85 ft
Station: 1355+91
Offset: 73.5' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
-0.2	3-inch thick, brown SILTY CLAY LOAM --TOPSOIL--						
-1.2	Hard, black, brown, and gray SILTY CLAY --FILL--			1	4 3 4	2.87 B	17
	Very stiff, brown and gray CLAY			2	2 3 3	2.44 B	17
		5					
				3	2 3 3	2.21 B	18
-9.5				4	2 4 6	2.71 B	19
	Hard, gray gravelly SILTY CLAY, with silt interbeds	10					
-11.5	Medium dense, gray SILTY LOAM			5	2 7 9	NP	12
-13.0	Very stiff to hard, gray gravelly SILTY CLAY						
				6	2 4 5	2.87 B	13
		15					
				7	3 5 7	4.18 B	13
				8	3 5 5	3.20 B	14
		20					
				9	5 6 7	3.85 B	14
				10	7 8 8	2.21 S	12
-25.0		25					

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	Boring terminated at 25.00 ft						
		30					
		35					
		40					
		45					
		50					

GENERAL NOTES

Begin Drilling: 02-17-2005 Complete Drilling: 02-17-2005
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.

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. 1286+85 & STA. 1355+91

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

WANGENGINC 414070LGPJ WANGENG.GDT 5/4/05

05/05/2005 08:05:51 AM