F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	852A
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. 215+44

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 01A

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: -3.98 ft
North: 1839415.15 ft
East: 1175035.92 ft
Station: 215+44
Offset: 48' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	4.7	8-inch thick, black LOAM --TOPSOIL--						
		Hard, brown and gray SILTY CLAY			1	7 9 8	8.61 B	12
			5		2	6 7 7	7.38 B	12
					3	5 6 8	5.08 S	15
			10		4	5 6 7	7.79 B	12
					5	6 8 14	7.79 B	10
			15		6	12 26 50/3	4.26 S	10
					7	50 50/4	> 4.50 P	9
	22.5				8	50/3	--	
	22.7	--BEDROCK-- --AUGER REFUSAL-- Boring terminated at 18.75 ft	20					
			25					

GENERAL NOTES				WATER LEVEL DATA	
Begin Drilling	03-17-2005	Complete Drilling	03-17-2005	While Drilling	DRY
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	DRY
Driller	J&L	Logger	Y. Shiu	Time After Drilling	NA
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion	Checked by	N. Davis	Depth to Water	NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

WANGENG.DGN 414070LGP1 5/4/05

FOR SIGN STRUCTURE AT STA. 215+44

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1145 Main Street
Lombard, IL 60148
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BORING LOG SB SGN 01B

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: 6.26 ft
North: 1839269.38 ft
East: 1175039.04 ft
Station: 215+44
Offset: 44' RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	5.9	4-inch thick, black LOAM --TOPSOIL--						
		Medium stiff to stiff, black, brown, and gray CLAY --FILL--			1	1 2 2	0.90 B	29
			5		2	1 2 3	1.07 B	31
	0.8				3	1 2 2	0.90 B	34
		Very soft to medium stiff, gray CLAY, with silt interbeds	10		4	1 1 2	0.16 B	42
					5	0 0 1	< 0.25 P	38
			15		6	1 1 1	< 0.25 P	20
	-9.2				7	3 5 6	5.00 B	12
		Very stiff to hard, gray gravelly SILTY CLAY to SILTY CLAY LOAM, with silt interbeds			8	3 7 9	4.26 B	13
			20		9	8 9 10	5.17 B	11
			25		10	4 5 6	2.71 B	14
			30		11	4 8 10	4.84 B	15
					12	8 10 12	5.99 B	12
	-25.4	Dense to very dense, gray gravelly SILTY LOAM	35		13	7 14 18	5.49 S	
	-28.7	Boring terminated at 35.00 ft			14	9 29 50/3	NP	11
			40					
			45					
			50					

GENERAL NOTES				WATER LEVEL DATA	
Begin Drilling	02-17-2005	Complete Drilling	02-17-2005	While Drilling	9.25 ft
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	9.25 ft
Driller	K&A	Logger	J. Kasnick	Time After Drilling	NA
Drilling Method	3.25" ID. HSA; Boring backfilled with bentonite upon completion	Checked by	N. Davis	Depth to Water	NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

WANGENG.DGN 414070LGP1 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 STRUCTURE AT STA. 215+44

S.N.
SCALE: N.T.S.
DATE: MARCH 18, 2005

DESIGNED BY: DJR
DRAWN BY: DJR
CHECKED BY: JPM

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