F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	852C
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. 334+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 SGN 03A

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: -12.87 ft
North: 1839875.66 ft
East: 1177430.67 ft
Station: 334+00
Offset: 56' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)
-13.4	3-inch thick Black CLAY LOAM --TOPSOIL--	
	Hard, brown and gray SILTY CLAY	
-15.4	--FILL--	
	Hard, gray SILTY CLAY	
-30.9	Hard, gray CLAY	
-35.9	Very dense, gray gravelly SAND	
-38.4	Boring terminated at 25.50 ft	

Sample No.	Sample Type / recovery	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
1		4 7 8	5.33 B	
2		6 10 17	9.02 B	
3		6 13 12	10.25 B	
4		5 16 21	6.56 S	
5		8 18 19	10.25 S	
6		6 10 14	9.43 B	
7		6 8 8	4.18 B	
8		3 7 8	4.02 B	
9		4 5 8	2.54 B	
10		12 16 50/5	NP	

Profile / Elevation (ft) / SOIL AND ROCK DESCRIPTION / Depth (ft) / Sample Type recovery / Sample No. / N Values (blw/6 in) / Qu (tsf) / Moisture Content (%)

GENERAL NOTES

Begin Drilling: 05-05-2005 Complete Drilling: 05-05-2005
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&R Logger: Y. Shiu Checked by: MLS
Drilling Method: 3.25" ID HSA; Boring backfilled with bentonite upon completion

WATER LEVEL DATA

While Drilling: 23.00 ft
At Completion of Drilling: 23.00 ft
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. 334+00

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Lombard, IL 60148
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Fax: 630 953-9938

BORING LOG SB SGN 03B

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: -12.15 ft
North: 1839924.61 ft
East: 1177431.68 ft
Station: 334+00
Offset: 29' RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)
-12.4	3-inch thick Black, CLAY LOAM --TOPSOIL--	
	Hard, gray and brown CLAY	
-17.7	Hard, gray SILTY CLAY	
-25.2	Dense, gray SILT	
-27.7	Hard, gray SILTY CLAY	
-30.2	Very stiff to hard, gray CLAY	
-35.2	Very stiff, gray SILTY CLAY with gravel	
-37.2	Boring terminated at 25.00 ft	

Sample No.	Sample Type / recovery	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
1		5 8 9	5.86 B	
2		5 5 6	5.33 B	
3		7 12 14	8.94 S	
4		6 14 16	10.25 S	
5		8 14 17	9.43 B	
6		7 18 18	NP	
7		5 10 13	10.25 B	
8		5 11 16	3.53 B	
9		7 8 14	6.15 B	
10		5 11 17	2.54 B	

Profile / Elevation (ft) / SOIL AND ROCK DESCRIPTION / Depth (ft) / Sample Type recovery / Sample No. / N Values (blw/6 in) / Qu (tsf) / Moisture Content (%)

GENERAL NOTES

Begin Drilling: 05-05-2005 Complete Drilling: 05-05-2005
Drilling Contractor: Patrick Drilling Drill Rig: CME 75 TMR
Driller: J&R Logger: Y. Shiu Checked by: MLS
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 STRUCTURE AT STA. 334+00

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

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WANGENGINC 414070LGPJ WANGENG.GDT 5/6/05