F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	852D
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. 2006+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 04A

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: 2.44 ft
North: 1180273.73 ft
East: 1180273.73 ft
Station: 2006+00
Offset: 36' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
		Very stiff to hard gray, gravelly SILTY			1	1 3 6	3.20 B	18
					2	4 4 6	3.53 B	18
					3	2 4 7	3.85 B	18
					4	3 5 7	2.71 B	16
					5	5 11 12	2.19 B	12
					6	4 6 8	4.51 B	13
					7	3 6 11	5.58 S	9
					8	4 10 14	8.94 S	11
					9	6 12 25	5.90 S	11
					10	6 23 26	> 4.50 P	9
	-22.6		25					
		Boring terminated at 25.00 ft						

GENERAL NOTES			
Begin Drilling	04-07-2005	Complete Drilling	04-08-2005
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.

WANGENG.GDT 5/6/05 WANGENG 414070LGP.J

FOR SIGN STRUCTURE AT STA. 2006+00

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BORING LOG SB SGN 04B

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: 1.69 ft
North: 1839027.97 ft
East: 1180259.83 ft
Station: 2006+00
Offset: 30' RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	1.0	8-inch thick Black CLAY LOAM --TOPSOIL--						
		Hard, brown and gray CLAY --FILL--			1	11 13 12	5.41 B	
	-1.3							
		Hard, gray SILTY CLAY			2	7 9 10	5.33 B	
					3	6 11 11	7.30 B	
					4	6 10 12	4.92 B	
					5	5 10 9	7.05 B	
					6	6 8 11	5.17 B	
	-13.8							
		Dense, gray SILT with sand			7	8 18 17	NP	
	-16.3							
		Hard, gray SILTY CLAY with silt interbeds			8	8 18 25	9.84 S	
					9	8 16 23	4.92 S	
	-23.3		25		10	22 45 53	> 4.50 P	
		Boring terminated at 25.00 ft						

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.

WANGENG.GDT 5/6/05 WANGENG 414070LGP.J

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 STRUCTURE AT STA. 2006+00

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

D:\02373\road\c10\sht\adrsht03.dgn 05/06/2005 10:34:37 AM