F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	852G
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. 2264+34

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 08A

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: -3.94 ft
North: 1847790.70 ft
East: 1177644.51 ft
Station: 2264+34
Offset: 9' LT

Depth (ft)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
0		-5.1	14-inch thick, CONCRETE --PAVEMENT--					
			Stiff to hard, gray gravelly SILTY CLAY, with silt interbeds		1	3 2 4	1.97 B	28
5					2	8 8 8	3.69 B	19
					3	5 8 15	4.00 P	13
10					4	4 6 8	3.61 B	13
					5	6 11 12	4.51 B	12
15					6	6 8 12	4.02 B	12
					7	4 8 12	4.84 B	12
20					8	6 15 33	> 4.50 P	11
					9	9 30 34	> 4.50 P	9
25		-28.3			10	12 50/5	2.71 S	11
30			Boring terminated at 25.40 ft					
35								
40								
45								
50								

GENERAL NOTES

Begin Drilling 04-05-2005 Complete Drilling 04-05-2005
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. 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 09A

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: -6.37 ft
North: 1849621.27 ft
East: 1177599.76 ft
Station: 2282+42
Offset: 12' LT

Depth (ft)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
0		-7.5	14-inch thick, CONCRETE --PAVEMENT--					
		-7.5	4-inch thick, CRUSHED STONE --BASE COURSE--					
			Hard, gray gravelly SILTY CLAY, with silt interbeds		1	10 5 7	> 4.50 P	12
5					2	12 12 12	> 4.50 P	11
					3	10 13 18	> 4.50 P	10
10					4	5 9 12	6.89 B	12
					5	5 10 15	8.94 B	12
15					6	4 11 16	7.63 S	12
					7	5 9 12	6.48 S	11
20					8	6 18 33	6.56 B	12
		-27.4	Gray, finely crystalline, medium bedded, slightly to moderately weathered, strong DOLOSTONE --BEDROCK-- 21'-26' bgs Recovery = 84%					
25								
30								
35								
40								
45								
50								
			RQD = 64%					
		-32.4	Boring terminated at 26.00 ft					

GENERAL NOTES

Begin Drilling 04-06-2005 Complete Drilling 04-06-2005
Drilling Contractor Patrick Drilling Drill Rig CME 75 TMR
Driller J&L Logger N. Davis 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. 2264+34 & STA. 2282+42

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
05/05/2005 08:36:07 AM