F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	916	854
STA. 1930+48 (NB FORD) TO STA. 2316+00 (NB RYAN)				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* (1516.1, 1717, & 1818) R-4

62304

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
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1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
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BORING LOG SP-22

WEI Job No.: 414-07-01

Client: T. Y. LIN International, Inc.
Project: Dan Ryan Contracts 62304 (20) and 62593 (23)
Location: City of Chicago, Cook County, Illinois

Datum: CCD
Elevation: -5.54 ft
North: 1839829.96 ft
East: 1178179.47 ft
Station: 2029+89
Offset: 12' LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	12-inch thick CONCRETE --PAVEMENT--					
-6.5	Medium dense, brown SAND		1	10 9	NP	9
-8.5	Hard, brown to gray SILTY CLAY		2	18 7 8 7	> 4.50 P	12
-9.5	Medium dense, brown medium SAND	5	3	11 4 3 4	> 4.50 P	6
-11.0	Hard, gray SILTY CLAY					
-11.5	Very loose, brown medium SAND		4	4 1 0 1	NP	4
			5	2 1 0 1	NP	15
		10	6	1 0 0 0	NP	20
			7	1 0 0 0	NP	20
-19.5	Boring terminated at 14.00 ft	15				
		20				

GENERAL NOTES

Begin Drilling: 09-13-2005 Complete Drilling: 09-13-2005
Drilling Contractor: Precon Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: S. Sugiarto 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.

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BORING LOG SP-23

WEI Job No.: 414-07-01

Client: T. Y. LIN International, Inc.
Project: Dan Ryan Contracts 62304 (20) and 62593 (23)
Location: City of Chicago, Cook County, Illinois

Datum: CCD
Elevation: 1.17 ft
North: 1840123.25 ft
East: 1178061.85 ft
Station: 2033+04
Offset: 21' RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	2-inch thick ASPHALT over 15-inch thick CONCRETE --PAVEMENT--					
-0.3	Stiff to hard, gray CLAY, trace gravel		1	3	1.00 P	14
			2	3 2 3 2	4.00 P	16
-3.8		5	3	8 14 11 10	> 4.50 P	14
-4.3	Medium dense, gray SILT					
	Very stiff to hard, gray CLAY, trace gravel		4	10 8 7 8	> 4.50 P	13
			5	9 7 6 7	> 4.50 P	13
		10	6	9 5 5 6	2.00 P	14
-10.8	Boring terminated at 12.00 ft	15				
		20				

GENERAL NOTES

Begin Drilling: 08-31-2005 Complete Drilling: 08-31-2005
Drilling Contractor: Precon Drilling Drill Rig: CME 75 TMR
Driller: J&L Logger: K. Jacob 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.

WANGENGINC 414070L.C20.C23.GPJ WANGENG.GDT 11/19/05

LEGEND

NP	NON-PLASTIC
B	BULGE FAILURE
S	SHEAR FAILURE
P	POCKET PENETROMETER

TY·LIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
SOIL BORINGS SP-22 & SP-23

SCALE: N.T.S. DRAWN BY: RTM
DATE: MARCH 7, 2006 CHECKED BY: MPG