F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	860	848
STA. 2200+00.00		TO STA. 2362+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* (1516.1, 1717 & 1818) R-8

62694

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
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BORING LOG P-018

WEI Job No.: 414-07-01

Client: T. Y. LIN International
Project: Dan Ryan Improvements - Contract 17A
Location: Halsted Street to 71st Street

Datum: CCD
Elevation: 3.22 ft
North: 1845815.36 ft
East: 1177771.03 ft
Station: 2244+48.07
Offset: 58.96 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	2.8	5-inch thick ASPHALT --PAVEMENT--						
	1.8	12-inch thick CRUSHED STONE --BASE COURSE--			1	20 45 30 19	NP	7
	0.5	Dense, green-red, coarse SAND --FILL--						
		Stiff, gray SILTY CLAY to SILTY CLAY LOAM --A-6 (10)-- --LL=31%, PL=17%--	5		2	1 1 1 4	1.75 P	18
					3	1 1 2 3	1.25 P	19
	-3.8	Hard, gray CLAY			4	2 3 7 10	> 4.50 P	13
	-6.0	Medium dense, gray SILT	10		5	5 10 12 14	NP	24
	-7.8	Boring terminated at 11.00 ft						
			15					
			20					
			25					

GENERAL NOTES				WATER LEVEL DATA		
Begin Drilling	07-02-2003	Complete Drilling	07-02-2003	While Drilling	▽	DRY
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▼	DRY
Driller	J&B	Logger	Y. Shiu	Time After Drilling	NA	
Checked by	S. Janowski			Depth to Water	▼	NA
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.		

WANGENGINC 414070L17A.GPJ WANGENG.GDT 2/4/05

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BORING LOG P-027

WEI Job No.: 414-07-01

Client: T. Y. LIN International
Project: Dan Ryan Improvements - Contract 17A
Location: Halsted Street to 71st Street

Datum: CCD
Elevation: 2.68 ft
North: 1848226.12 ft
East: 1177700.46 ft
Station: 2268+59.85
Offset: 57.41 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	2.4	3-inch thick ASPHALT --PAVEMENT--						
		Hard, gray CLAY			1	6 4 3 5	> 4.50 P	17
	-0.1	Medium dense, brown SANDY LOAM						
	-0.6	Stiff to very stiff, gray CLAY --A-4 (4)-- --LL=28%, PL=19%--	5		2	2 2 3 3	1.25 P	17
					3	4 3 3 4	1.00 P	25
					4	1 1 1 2	1.00 P	27
			10		5	1 2 4 6	2.50 P	24
	-8.3	Boring terminated at 11.00 ft						
			15					
			20					
			25					

GENERAL NOTES				WATER LEVEL DATA		
Begin Drilling	07-18-2003	Complete Drilling	07-18-2003	While Drilling	▽	DRY
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 TMR	At Completion of Drilling	▼	DRY
Driller	K&B	Logger	Y. Shiu	Time After Drilling	NA	
Checked by	S. Janowski			Depth to Water	▼	NA
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.		

WANGENGINC 414070L17A.GPJ WANGENG.GDT 2/4/05

LEGEND

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

T·Y·LIN INTERNATIONAL

SHEET 2 OF 14

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
SOIL BORINGS P-018 & P-027

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

03/25/2005 02:54:35 PM