PROJECT Jackson Blvd. Improvements, Des Plaines Ave. to Harlem Ave., Forest Park, IL

CLIENT Christopher B. Burke Engineering, Ltd., Rosemont, Illinois

BORING 7 DATE STARTED 3-26-08 DATE COMPLETED 3-26-08 JOB L-70,917

ELEVATIONS

GROUND SURFACE 619.9

END OF BORING 609.9

WATER LEVEL OBSERVATIONS

▼ WHILE DRILLING 5.5 '

▽ AT END OF BORING 8.0 '

▼ 24 HOURS

LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Qu	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
	A								4" Asphalt Pavement 9" Crushed Stone Base Course
	1	SS	16-5-4				1.1	618.8	Stiff to very stiff dark brown CLAY LOAM, trace organic, moist A-6
	B			19.7	2.0*		2.0	617.9	
	2	SS	3-4-7	24.1	1.25*				Stiff brown CLAY LOAM, trace gravel, very moist A-6
	3	SS	2-3-3	12.5			3.5	616.4	Loose brown SAND, trace gravel, very moist to saturated A-1-b
	4	SS	3-4-5	15.7			5.5	614.4	Loose brownish-gray clayey SILT with silt seams, very moist A-4
	5	SS	3-4-5	20.1	2.75*		8.0	611.9	Very stiff brownish-gray CLAY, trace gravel, moist A-6
									End of Boring at 10.0' * Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

DISTANCE BELOW SURFACE IN FEET

0 5 10 15 20

DRILL RIG NO. 256

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

TSC 70917.GPJ TSC_ALL.GDT 4/14/08

PROJECT Jackson Blvd. Improvements, Des Plaines Ave. to Harlem Ave., Forest Park, IL

CLIENT Christopher B. Burke Engineering, Ltd., Rosemont, Illinois

BORING 8 DATE STARTED 3-26-08 DATE COMPLETED 3-26-08 JOB L-70,917

ELEVATIONS

GROUND SURFACE 620.7

END OF BORING 610.7

WATER LEVEL OBSERVATIONS

▼ WHILE DRILLING Dry

▽ AT END OF BORING Dry

▼ 24 HOURS

LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Qu	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
	A			3.1					4.5" Asphalt Pavement 8.5" Crushed Stone Base Course
	1	SS	15-5-5				1.1	619.6	Very stiff dark brown CLAY, little black clay, moist A-7-6 (39) LL/PL/PI = 68/21/47
	B			28.3	2.5*		2.0	618.7	
	2	SS	4-5-6	21.1	2.25*				Very stiff brown to brown and gray CLAY, trace gravel, moist A-6
	3	SS	3-4-5	25.4	3.5*				
	4	SS	2-2-3	23.5			5.5	615.2	Loose brown SILT, little sand, very moist A-4
	5	SS	2-3-4	22.6			8.0	612.7	Loose gray SILT, little sand, very moist A-4
									End of Boring at 10.0' * Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

DISTANCE BELOW SURFACE IN FEET

0 5 10 15 20

DRILL RIG NO. 256

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

TSC 70917.GPJ TSC_ALL.GDT 4/14/08

PROJECT Jackson Blvd. Improvements, Des Plaines Ave. to Harlem Ave., Forest Park, IL

CLIENT Christopher B. Burke Engineering, Ltd., Rosemont, Illinois

BORING 9 DATE STARTED 3-26-08 DATE COMPLETED 3-26-08 JOB L-70,917

ELEVATIONS

GROUND SURFACE 619.9

END OF BORING 609.9

WATER LEVEL OBSERVATIONS

▼ WHILE DRILLING 4.0 '

▽ AT END OF BORING Dry

▼ 24 HOURS

LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Qu	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
	A			1.6					5.5" Asphalt Pavement 13.5" Crushed Stone Base Course
	1	SS	19-8-7				1.6	618.3	FILL - Brown and gray CLAY, little black clay, moist A-6
	B			17.3	3.25*		2.0	617.9	
	2	SS	4-5-7	23.2	2.75*				Very stiff to hard brown and gray CLAY, moist A-6/A-7-6
	3	SS	4-4-5	24.0	4.0*				
	4	SS	4-6-9	22.3	4.5+*		5.5	614.4	Hard brownish-gray CLAY, moist A-6/A-7-6
	5	SS	4-5-7	10.1			8.0	611.9	Med. dense gray clayey SILT, moist A-4
									End of Boring at 10.0' * Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

DISTANCE BELOW SURFACE IN FEET

0 5 10 15 20

DRILL RIG NO. 256

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

TSC 70917.GPJ TSC_ALL.GDT 4/14/08

FILE NAME = N:\FORESTPARK\270081\Civil\BORINGS_270081.SHT	USER NAME = PRAZALAN	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = N.T.S.	CHECKED -	REVISED -
	PLOT DATE = 2/17/2009	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORINGS – JACKSON BOULEVARD

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1462	07-00105-00-PV	COOK	49	39
		CONTRACT NO. 63134		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		