PROJECT Constitution Trail Extension, Bloomington, Illinois

CLIENT City of Bloomington, 401-1/2 South East Street, Bloomington, IL 61701

TSC

BORING B-310 DATE STARTED 6-30-06 DATE COMPLETED 6-30-06 JOB L-66,494

ELEVATIONS: GROUND SURFACE 831.2; END OF BORING 821.2

WATER TABLE: WHILE DRILLING DRY; AT END OF BORING DRY; 24 HOURS

SAMPLE NO.	TYPE	N	WC	Qu	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	6	27.8	1.5*	90.3			FILL - Dark brown very silty CLAY, trace sand, moist (CL)
2	SS	7	20.8	1.0*		3.5	827.7	Tough brown silty CLAY, trace sand, moist (CL)
3	SS	11	17.9	1.90 1.5*		6.0	825.2	Tough brown silty CLAY, trace sand and gravel, moist (CL)
4	SS	8	17.5	1.70 1.5*				

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. 242

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

PROJECT Constitution Trail Extension, Bloomington, Illinois

CLIENT City of Bloomington, 401-1/2 South East Street, Bloomington, IL 61701

TSC

BORING B-311 DATE STARTED 6-29-06 DATE COMPLETED 6-29-06 JOB L-66,494

ELEVATIONS: GROUND SURFACE 829.8; END OF BORING 819.8

WATER TABLE: WHILE DRILLING DRY; AT END OF BORING DRY; 24 HOURS

SAMPLE NO.	TYPE	N	WC	Qu	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
								FILL - Aggregate Drive
1	SS	6	9.2			1.2	828.6	FILL - Dark brown clayey SAND and CINDERS, trace gravel, dry (SP)
2	SS	7	28.2	1.85 1.75*		3.5	826.3	Tough brown-gray silty CLAY, trace sand, moist (CL)
3	SS	5	22.0			6.0	823.8	Loose brown clayey SILT, trace sand, moist (ML)
4	SS	7	18.5	1.90 2.0*		8.5	821.3	Tough to very tough brown silty CLAY, trace sand and gravel, moist (CL)

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. 242

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

PROJECT Constitution Trail Extension, Bloomington, Illinois

CLIENT City of Bloomington, 401-1/2 South East Street, Bloomington, IL 61701

TSC

BORING B-312 DATE STARTED 6-29-06 DATE COMPLETED 6-29-06 JOB L-66,494

ELEVATIONS: GROUND SURFACE 829.4; END OF BORING 819.4

WATER TABLE: WHILE DRILLING DRY; AT END OF BORING DRY; 24 HOURS

SAMPLE NO.	TYPE	N	WC	Qu	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
								FILL - Aggregate Drive
1	SS	8	30.0			1.3	828.1	FILL - Dark brown clayey SAND and CINDERS, trace gravel, moist (SP)
2	SS	4	24.6	1.25*		3.5	825.9	Tough brown silty CLAY, trace sand, moist (CL)
3	SS	12	22.1			6.0	823.4	Firm brown clayey SILT, trace sand, moist (ML)
4	SS	10	19.0	1.70 2.0*		8.5	820.9	Tough to very tough brown silty CLAY, trace sand and gravel, moist (CL)

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. 242

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

CITY OF BLOOMINGTON, ILLINOIS
SECTION 05-00333-00-BT

RETAINING WALL BORING LOGS

DRAWN BY	DATE	CHECKED BY	FILE NO.	BOOK NO.	SHEET NO.
DJM/JTC	01/30/09	MSW	24-8173	2752	33 OF 56

Farnsworth GROUP
2709 McGraw Drive
Bloomington, Illinois 61704
309/663-8435, 309/663-1571 fax

p:/City of Bloomington/2008/0080832.00-Bloomington mft 05-00333-00-BT Constitution Trail/DGN/STR