

BLOOM COMPANIES, LLC. BORING LOG CHICAGO, ILLINOIS										
JOB NO: BM3-1272 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION			BORING NO: BR4-L1							
PROJECT: IL-53 Improvements - Thorndale Avenue to Army Trail Road			STATION: 172+23							
LOCATION: Barrier Wall No. 4			OFFSET: 33' LT							
BORING RIG & METHOD: Diedrich D-50 w/Hollow Stem Augers			SURF ELEV: 695.8							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	% _{CL}	STRAIN %	WATER CONTENT %		
	0.0-1.0	694.9	FILL: Black Organic Clay A-7-6		Auger			30.8		
	1.0-2.5			12	4-4	2.8	15	16.2		
	3.5-5.0		FILL: Br to Gr Clay A-6, trace Gravel and Organics	18	5-4	(1.5)		10.7		
	6.0-7.5	687.8		13	3-5	(1.5)		28.7		
10	8.5-10.0		Stiff to Very Stiff Br to Gr Clay A-6, trace Gravel	16	2-5	1.2	15	27.1		
	11.0-12.5	682.6		16	4-5	3.1	15	20.8		
	13.0-15.0	680.3	Hard Gr Clay Loam A-6, trace Gravel	13	6-6	4.2	15	11.6		
	16.0-17.5			13	4-7	2.7	15	16.4		
20	18.5-20.0			13	5-6	3.5	15	17.3		
	21.0-22.5		Very Stiff to Stiff Gr Clay A-6, trace Gravel	15	4-6	1.7	15	18.0		
	23.5-25.0			14	4-6	2.3	15	17.0		
	26.0-27.5			17	4-6	1.7	15	16.6		
30	28.5-30.0	685.8	Boring terminated @ 30'	14	4-7	2.9	15	17.8		

REMARKS: Automatic Hammer Used. () Denotes Calibrated Penetrometer Estimate.

WATER	28 FT. ELEV.	667.8	DURING DRILLING	☑	CORE SIZE	IN.	DATE:	Mar 29, 10
WATER	Caved @ 18.5 FT. ELEV.		AT COMPLETION	☒	CASING LENGTH	FT.	DRILLER:	Shlimon
WATER	FT. ELEV.		AFTER HRS.	☑	CASING DIAMETER	IN.	INSPECTOR:	Alsalam

BLOOM COMPANIES, LLC. BORING LOG CHICAGO, ILLINOIS										
JOB NO: BM3-1272 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION			BORING NO: BR4-L2							
PROJECT: IL-53 Improvements - Thorndale Avenue to Army Trail Road			STATION: 174+38							
LOCATION: Barrier Wall No. 4			OFFSET: 26' LT							
BORING RIG & METHOD: Diedrich D-50 w/Hollow Stem Augers			SURF ELEV: 697.4							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	% _{CL}	STRAIN %	WATER CONTENT %		
	0.0-1.0	696.4	Sand A-1-a (Gravel Shoulder)		Auger			5.3		
	1.0-2.5			12	4-7	(4.5+)		11.0		
	3.5-5.0			10	2-3			26.4		
	6.0-7.5		FILL: Gr to Black Silty Clay A-7-6, trace Gravel and Organics	14	5-7	0.7	15	31.4		
10	8.5-10.0			14	4-4	1.7	15	24.7		
	11.0-12.5	684.4		14	4-6	1.9	15	28.7		
	13.5-15.0			16	6-9	5.6	15	17.4		
	16.0-17.5		Hard to Very Stiff Br to Gr Clay A-6, trace Gravel	12	6-9	3.2	15	15.6		
20	18.5-20.0	677.4		3	5-6	(3.5)		14.0		
	21.0-22.5			18	5-6	1.5	15	18.6		
	23.5-25.0		Stiff Gr Clay A-6, trace Gravel	18	5-5	1.4	15	14.3		
	26.0-27.5			4	5-6	(1.3)		17.9		
30	28.5-30.0	687.4	Boring terminated @ 30'	16	4-5	1.8	15	10.4		

REMARKS: Automatic Hammer Used. () Denotes Calibrated Penetrometer Estimate.

WATER	DRY FT. ELEV.		DURING DRILLING	☑	CORE SIZE	IN.	DATE:	Mar 29, 10
WATER	DRY FT. ELEV.		AT COMPLETION	☒	CASING LENGTH	FT.	DRILLER:	Shlimon
WATER	FT. ELEV.		AFTER HRS.	☑	CASING DIAMETER	IN.	INSPECTOR:	Alsalam

DESIGNED	- N/A
CHECKED	- N/A
DRAWN	- A. Durbak
CHECKED	- R. DiGiulio

**NOISE WALL - SOIL BORINGS 7
ILLINOIS ROUTE 53
FAU 2578 SECTION 532B-1
DUPAGE COUNTY**

PATRICK ENGINEERING INC.
4970 VARSITY DRIVE
LISLE, IL 60532
patrickengineering.com

SHEET NO. S19 OF S25	F.A.P RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 598
	CONTRACT NO. 60477				
12/3/2010		ILLINOIS FED. AID PROJECT			