

BLOOM COMPANIES, LLC. CHICAGO, ILLINOIS											
BORING LOG											
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			OFFSET: 33' LT					
LOCATION: Barrier Wall No. 4			SURF ELEV: 695.8			BORING RIG & METHOD: Diedrich D-50 w/Hollow Stem Augers					
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	QU	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	2.6	15	16.2			
3.5-5.0			FILL: Br to Gr Clay A-6, trace Gravel and Organics	16	5-4	(1.5)		10.7			
6.0-7.5		687.8		13	3-5	(1.5)		28.7			
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	6-8	4.2	15	11.6			
16.0-17.5				13	4-7	2.7	15	16.4			
18.5-20.0				13	5-5	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			
28.5-30.0		665.8	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 <input checked="" type="checkbox"/> CORE SIZE IN. DATE: Mar 29, 10											
WATER Cased @ 18.5 FT. ELEV. AT COMPLETION <input checked="" type="checkbox"/> CASING LENGTH FT. DRILLER: Shlimon											
WATER FT. ELEV. AFTER HRS. <input checked="" type="checkbox"/> CASING DIAMETER IN. INSPECTOR: Alsalami											

BLOOM COMPANIES, LLC. CHICAGO, ILLINOIS											
BORING LOG											
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			OFFSET: 26' LT					
LOCATION: Barrier Wall No. 4			SURF ELEV: 697.4			BORING RIG & METHOD: Diedrich D-50 w/Hollow Stem Augers					
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	QU	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			
8.5-10.0				14	4-4	1.7	15	24.7			
11.0-12.5		684.4		14	4-6	1.9	15	26.7			
13.5-15.0				16	6-8	5.6	15	17.4			
16.0-17.5			Hard to Very Stiff Br to Gr Clay A-6, trace Gravel	12	6-8	3.2	15	15.6			
18.5-20.0		677.4		3	5-6	(3.5)		14.0			
21.0-22.5				16	5-6	1.5	15	18.8			
23.5-25.0			Stiff Gr Clay A-6, trace Gravel	15	5-5	1.4	15	14.3			
26.0-27.5				4	5-6	(1.3)		17.9			
28.5-30.0		667.4	Boring terminated @ 30'	16	4-5	1.8	15	18.4			
REMARKS: Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate											
WATER DRY FT. ELEV. DURING DRILLING <input checked="" type="checkbox"/> CORE SIZE IN. DATE: Mar 29, 10											
WATER DRY FT. ELEV. AT COMPLETION <input checked="" type="checkbox"/> CASING LENGTH FT. DRILLER: Shlimon											
WATER FT. ELEV. AFTER HRS. <input checked="" type="checkbox"/> CASING DIAMETER IN. INSPECTOR: Alsalami											

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

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

**PATRICK ENGINEERING**  
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			