

BLOOM COMPANIES, LLC.		BORING LOG		Chicago, IL				
JOB NO:	BM3-1334	CLIENT:	Illinois Department of Transportation	BORING NO:	B-4			
PROJECT:	Proposed Retaining Wall and Sign Structure	STATION:	15+73	OFFSET:	16.8 RT			
LOCATION:	Cumberland Avenue Exit Ramp at I-90 East	OFFSET:	16.8 RT	SURF ELEV:	635.1			
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
		634.5	6.0" Bituminous Concrete Pavement		Auger			11.2
	0.0-1.0		FILL: Gr Sand A-1-a, trace Gravel					
		633.1		12	5	(1.5)		18.3
	1.0-2.5							
5				13	2	1.0	15	16.6
	3.5-5.0		Stiff Gr Silty Clay A-6, trace Gravel					
		627.1		14	3	1.8	15	16.5
	6.0-7.5							
10			Medium Dense Gr Sand A-3, trace Gravel	16	5			9.2
	8.5-10.0	625.1						
				15	3	(2.2)		18.1
	11.0-12.5							
15			Stiff to Very Stiff Gr Silty Clay A-6, trace Gravel	14	3	3.2	15	22.5
	13.5-15.0							
				13	3	1.5	15	21.3
	16.0-17.5							
20		615.1		16	4	1.9	15	10.9
	18.5-20.0							
Boring Terminated @ 20 feet								
REMARKS Caved in at 5'. Backfilled w/soil cutting, Bentonite Chips and Cold Asphalt patch. - Automatic Hammer Used.						( ) Denotes Calibrated Penetrometer Estimate		
WATER	17.0 FT. ELEV.	618.1	DURING DRILLING	∇ CORE SIZE	IN. DATE:	Nov 28, 11		
WATER	Dry FT. ELEV.		AT COMPLETION	∇ CASING LENGTH	FT. DRILLER:	G. Shlimon		
WATER	FT. ELEV.		AFTER HRS.	∇ CASING DIAMETER	IN. INSPECTOR:	M. Sanati		

BLOOM COMPANIES, LLC.		BORING LOG		Chicago, IL				
JOB NO:	BM3-1334	CLIENT:	Illinois Department of Transportation	BORING NO:	B-5			
PROJECT:	Proposed Retaining Wall and Sign Structure	STATION:	16+88	OFFSET:	17.0 RT			
LOCATION:	Cumberland Avenue Exit Ramp at I-90 East	OFFSET:	17.0 RT	SURF ELEV:	635.5			
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
		634.9	6.0" Bituminous Concrete Pavement		Auger			1.0
	0.0-1.0		FILL: Gr Sand A-3, trace Gravel					
				18	8			6.3
	1.0-2.5							
5				16	4	(1.0)		21.5
	3.5-5.0		FILL: Stiff Gr Silty Clay A-6, trace Gravel					
		630.0						
			Stiff Gr Silty Clay Loam A-6, trace Gravel (occasional sand seams)	15	2	(1.0)		19.8
	6.0-7.5							
10			Medium Dense Gr Sand A-3	18	3			21.7
	8.5-10.0							
		624.0		14	6	2.4	15	24.8
	11.0-12.5							
15			Very Stiff Gr Clay A-7-6(11), trace Gravel	18	3	3.6	15	23.1
	13.5-15.0							
				18	4	2.8	15	17.7
	16.0-17.5							
20		615.5		17	4	2.3	15	18.8
	18.5-20.0							
Boring Terminated @ 20 feet								
REMARKS Caved in at 5'. Backfilled w/soil cutting, Bentonite Chips and Cold Asphalt patch. - Automatic Hammer Used.						( ) Denotes Calibrated Penetrometer Estimate		
WATER	6.0 FT. ELEV.	629.5	DURING DRILLING	∇ CORE SIZE	IN. DATE:	Nov 28, 11		
WATER	Dry FT. ELEV.		AT COMPLETION	∇ CASING LENGTH	FT. DRILLER:	G. Shlimon		
WATER	FT. ELEV.		AFTER HRS.	∇ CASING DIAMETER	IN. INSPECTOR:	M. Sanati		

BLOOM COMPANIES, LLC.		BORING LOG		Chicago, IL				
JOB NO:	BM3-1334	CLIENT:	Illinois Department of Transportation	BORING NO:	B-6			
PROJECT:	Proposed Retaining Wall and Sign Structure	STATION:	18+03	OFFSET:	17.0 RT			
LOCATION:	Cumberland Avenue Exit Ramp at I-90 East	OFFSET:	17.0 RT	SURF ELEV:	636.0			
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
		635.4	6.0" Bituminous Concrete Pavement		Auger			1.4
	0.0-1.0		FILL: Gr Sand A-1-a, trace Gravel					
		634.0		12	4	(0.6)		15.3
	1.0-2.5		FILL: Medium Stiff Gr Clay A-6, trace Gravel					
5				13	2	(0.8)		18.0
	3.5-5.0							
		630.5						
			Stiff Gr Silty Clay Loam A-6, trace Gravel	14	2	(1.1)		17.0
	6.0-7.5							
10			Stiff Gr Silty Clay A-6, trace Gravel (occasional sand seams)	18	2	1.4	15	16.6
	8.5-10.0	625.5						
			Medium Dense Gr Sand A-3, trace Gravel	18	3	7-7		17.8
	11.0-12.5	623.0						
15			Very Stiff Gr Silty Clay A-6, trace Gravel	18	7	7-10	3.9	15
	13.5-15.0							
				18	6	6-9	3.9	15
	16.0-17.5							
20		616.0		18	3	5-8	3.0	15
	18.5-20.0							
Boring Terminated @ 20 feet								
REMARKS Caved in at 5'. Backfilled w/soil cutting, Bentonite Chips and Cold Asphalt patch. - Automatic Hammer Used.						( ) Denotes Calibrated Penetrometer Estimate		
WATER	11.0 FT. ELEV.	625.0	DURING DRILLING	∇ CORE SIZE	IN. DATE:	Nov 29, 11		
WATER	Dry FT. ELEV.		AT COMPLETION	∇ CASING LENGTH	FT. DRILLER:	G. Shlimon		
WATER	FT. ELEV.		AFTER HRS.	∇ CASING DIAMETER	IN. INSPECTOR:	M. Sanati		

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