

BLOOM COMPANIES, LLC.		BORING LOG		Chicago, IL				
JOB NO:	BM3-1334	CLIENT:	Illinois Department of Transportation	BORING NO:	B-1			
PROJECT:	Proposed Retaining Wall and Sign Structure	STATION:	11+95	PROJECT:	Proposed Retaining Wall and Sign Structure			
LOCATION:	Cumberland Avenue Exit Ramp at I-90 East	OFFSET:	21.0 RT	LOCATION:	Cumberland Avenue Exit Ramp at I-90 East			
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers		SURF ELEV:	636.4	BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers		
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0	635.8	3.5" Bituminous Concrete Pavement		Auger			3.8
		634.9	FILL: Gr Sand A-1-a, trace Gravel					
	1.0-2.5			14	4	2.4	15	12.2
5	3.5-5.0		Very Stiff Gr Silty Clay A-6, trace Gravel	10	4	(3.2)		19.3
	6.0-7.5	629.4		14	4			18.4
10	8.5-10.0		Medium Dense Gr Sand A-3, trace Gravel	16	3			8.1
	11.0-12.5	623.4		18	5			15.1
			Medium Dense Gr Sand A-2-4, trace Gravel					
15	13.5-15.0	621.4		16	5			20.8
	16.0-17.5		Stiff Gr Silty Clay A-4, trace Gravel	18	3	1.6	15	11.7
20	18.5-20.0	616.4		12	7	(1.2)		13.7
			Boring Terminated @ 20 feet					
REMARKS Caved in at 10.5'. Backfilled w/soil cutting and Bentonite Chips. - Automatic Hammer Used.						() Denotes Calibrated Penetrometer Estimate		
WATER	13.5 FT. ELEV.	622.9	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-2			
PROJECT:	Proposed Retaining Wall and Sign Structure	STATION:	11+95	PROJECT:	Proposed Retaining Wall and Sign Structure			
LOCATION:	Cumberland Avenue Exit Ramp at I-90 East	OFFSET:	12.0 LT	LOCATION:	Cumberland Avenue Exit Ramp at I-90 East			
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers		SURF ELEV:	636.6	BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers		
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0	635.6	FILL: Br to Gr Silty Clay A-7-6, trace Gravel		Auger			11.2
	1.0-2.5			13	5	3.8	15	11.7
5	3.5-5.0		Stiff to Very Stiff Gr Silty Clay A-6 (occasional sand seams)	14	3	1.5	15	18.8
	6.0-7.5			12	4			12.6
10	8.5-10.0	628.6		16	2			16.7
			Loose Gr/Br M-C Sand A-3, trace Gravel					
	11.0-12.5	625.6		18	5			10.9
			Loose to Medium Dense Gr Sand A-2-4					
15	13.5-15.0			18	7			18.3
	16.0-17.5	619.1		18	3			21.2
			Very Stiff Gr Silty Clay A-6, trace Gravel					
20	18.5-20.0	616.6		18	5			16.1
			Boring Terminated @ 20 feet					
REMARKS Caved in at 10.5'. Backfilled w/soil cutting and Bentonite Chips. - Automatic Hammer Used.						() Denotes Calibrated Penetrometer Estimate		
WATER	13.5 FT. ELEV.	623.1	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-3			
PROJECT:	Proposed Retaining Wall and Sign Structure	STATION:	14+58	PROJECT:	Proposed Retaining Wall and Sign Structure			
LOCATION:	Cumberland Avenue Exit Ramp at I-90 East	OFFSET:	16.8 RT	LOCATION:	Cumberland Avenue Exit Ramp at I-90 East			
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers		SURF ELEV:	634.8	BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers		
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0	634.1	6.5" Bituminous Concrete Pavement		Auger			1.5
	1.0-2.5	632.8	FILL: Gray Sand A-1-a, trace Gravel	12	5	(1.5)		17.7
5	3.5-5.0		Stiff to Very Stiff Gr Silty Clay A-6, trace Gravel	16	2	3.5	15	16.6
	6.0-7.5			14	2			18.8
10	8.5-10.0	626.8		14	9			18.6
			Medium Dense Gr Sand A-2-4, trace Gravel					
	11.0-12.5	624.8		13	2			19.9
15	13.5-15.0		Stiff to Very Stiff Gr Silty Clay A-6, trace Gravel	16	3	2.8	15	22.8
	16.0-17.5			16	6	3.0	15	10.5
20	18.5-20.0	614.8		16	3			20.3
			Boring Terminated @ 20 feet					
REMARKS Caved in at 15'. Backfilled w/soil cutting, Bentonite Chips and Cold Asphalt patch. - Automatic Hammer Used.						() Denotes Calibrated Penetrometer Estimate		
WATER	11.0 FT. ELEV.	623.8	DURING DRILLING	☒	CORE SIZE	IN.	DATE:	Nov 28, 11
WATER	14.0 FT. ELEV.	620.8	AT COMPLETION	☒	CASING LENGTH	FT.	DRILLER:	G. Shlimon
WATER	FT. ELEV.		AFTER HRS.	☒	CASING DIAMETER	IN.	INSPECTOR:	M. Sanati

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