

BLOOM COMPANIES, LLC.		BORING LOG		Chicago, IL					
JOB NO:	BM3-1334	CLIENT:	Illinois Department of Transportation	BORING NO:	B-7				
PROJECT:	Proposed Retaining Wall and Sign Structure	STATION:	19+18	OFFSET:	17.0 RT				
LOCATION:	Cumberland Avenue Exit Ramp at I-90 East	SURF ELEV:	637.0	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 %	
		636.4	6.0" Bituminous Concrete Pavement		Auger			2.7	
	0.0-1.0				8				
	1.3-2.8		FILL: Medium Dense Br Sand A-3, trace Gravel	14	7-3			6.2	
		633.0			3				
5	3.5-5.0			13	1-1	(0.5)		11.5	
	6.0-7.5		Medium Stiff Gr Silty Clay Loam A-6, trace Gravel	11	2-2	0.7	15	17.5	
	8.5-10.0			16	2-5	0.9	15	14.8	
		626.5			5				
	11.0-12.5		Medium Dense Gr Sand A-3, trace Gravel	11	7-8			18.6	
		624.0			2				
	13.5-15.0		Stiff Gr Silty Clay A-6, trace Gravel	18	4-6	1.5	15	20.4	
		621.5			4				
	16.0-17.5		Very Stiff to Hard Gr Silty Clay A-6, trace Gravel	15	6-9	4.2	15	24.1	
		617.0			4				
20	18.5-20.0		Boring Terminated @ 20 feet	15	5-7	2.2	15	18.0	
REMARKS						Caved in at 16'. Backfilled w/soil cutting, Bentonite Chips and Cold Asphalt patch.			() Denotes Calibrated Penetrometer Estimate
WATER						11.0 FT. ELEV. 626.0 DURING DRILLING			☒ CORE SIZE IN. DATE: Nov 29, 11
WATER						15.5 FT. ELEV. 621.5 AT COMPLETION			☒ CASING LENGTH FT. DRILLER: G. Shlmon
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-8				
PROJECT:	Proposed Retaining Wall and Sign Structure	STATION:	20+33	OFFSET:	16.5 RT				
LOCATION:	Cumberland Avenue Exit Ramp at I-90 East	SURF ELEV:	638.3	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 %	
		637.7	6.0" Bituminous Asphalt Pavement		Auger			2.4	
	0.0-1.0				9				
	1.3-2.8		FILL: Medium Dense Br Sand A-3	13	9-8			7.6	
		632.3			2				
5	3.5-5.0			10	3-3			7.7	
	6.0-7.5		Stiff Br Silty Clay A-6, trace Gravel (occasional sand seams)	16	3-6	1.0	15	19.3	
	8.5-10.0			15	4-6	1.1	15	14.9	
		627.8			4				
	11.0-12.5		Medium Dense Gr Sand A-2-4	15	6-8			19.9	
		622.8			3				
	13.5-15.0			16	6-9			22.7	
	16.0-17.5		Very Stiff Gr Silty Clay A-6, trace Gravel	18	3-6	2.7	15	12.4	
		618.3			3				
20	18.5-20.0		Boring Terminated @ 20 feet	18	4-7	2.9	15	23.4	
REMARKS						Caved in at 14.5'. Backfilled w/soil cutting, Bentonite Chips and Cold Asphalt patch.			() Denotes Calibrated Penetrometer Estimate
WATER						Dry FT. ELEV. DURING DRILLING			☒ CORE SIZE IN. DATE: Nov 29, 11
WATER						Dry FT. ELEV. AT COMPLETION			☒ CASING LENGTH FT. DRILLER: G. Shlmon
WATER						FT. ELEV. AFTER HRS.			☒ CASING DIAMETER IN. INSPECTOR: M. Sanati

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