

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO:	BM3-1265	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	B-3			
PROJECT:	Proposed Bridge Replacement - US24 over Big Sister Creek	STATION:	1446+25	OFFSET:	13' LT			
LOCATION:	US 24 over Big Sister Creek	SURF ELEV:	462.3					
BORING RIG & METHOD:			CME 75 Truck Mounted/Hollow Stem Augers					
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0	461.4	5.5" Asphalt over 6" Sand and Gravel Base		Auger 1			6.5
	1.0-2.5	459.7	FILL: Br/Gr Silty Clay A-6, little Gravel	6	2-2			18.9
	3.5-5.0	456.6	FILL: Black/Dark Gr Silty Clay A-6, trace Gravel and Organics	12	2 3-5	1.2	15	27.8
	6.0-7.5	454.0	Loose Black Sandy Loam A-2-7, trace Organics	16	3 2-3			22.4
10	8.5-10.0	452.1	Hard Dark Gr Silty Loam A-4	17	4 4-5	(4.5)		21.5
	11.0-12.5	449.3	Very Soft Dark Gr Clay A-4(4)	18	2 2-3	0.2	15	23.1
	13.5-15.0			18	2 2-2	0.5	15	29.7
	16.0-17.5		▼ Soft to Medium Stiff Br/Gr Clay A-4(4) Note: Organics at 18.5 to 20 feet in depth	18	WH	0.4	15	22.5
20	18.5-20.0	441.6		18	WH	0.5	15	27.8
	21.0-22.5			15	2 2-2			15.9
	23.5-25.0		Loose Br/Gr Sand A-1-b, some Gravel	15	1 3-4			23.5
	28.5-30.0	435.1		16	17 18-24			9.5
30	33.5-35.0		Gray Silty SHALE Note: Trace Gravel at 28.5 to 29.8 feet in depth	10	49 68/4"			4.0
40	38.5-40.0			7	70 30/1"			11.7
REMARKS Automatic Hammer Used; Stream elevation during drilling = 446.22				() Denotes Calibrated Penetrometer Estimate				
WATER	21 FT. ELEV.	441.3 DURING DRILLING	☒ CORE SIZE	IN.	DATE:	Mar 21, 11		
WATER	16 FT. ELEV.	446.3 AT COMPLETION	▼ CASING LENGTH	FT.	DRILLER:	Groff (Tim/John)		
WATER	FT. ELEV.	AFTER HRS.	▼ CASING DIAMETER	IN.	INSPECTOR:	B. Alsalami		

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JOB NO:	BM3-1265	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	B-3 (cont.)			
PROJECT:	Proposed Bridge Replacement - US24 over Big Sister Creek	STATION:	1446+25	OFFSET:	13' LT			
LOCATION:	US 24 over Big Sister Creek	SURF ELEV:	462.3					
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DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	43.5-43.8	418.5	Gray Silty SHALE Note: Trace Gravel at 28.5 to 29.8 feet in depth	4	100/4"			12.9
Boring Terminated @ 43.8 feet								
REMARKS Automatic Hammer Used; Stream elevation during drilling = 446.22				() Denotes Calibrated Penetrometer Estimate				
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