

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS					
JOB NO:	BM3-1272	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	B-8				
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90	STATION:	3382+54	PROJECT:	Bridge Replacement at Cumberland Avenue and I-90				
LOCATION:	I-90 Eastbound Inside Shoulder	OFFSET:	26' RT	LOCATION:	I-90 Eastbound Inside Shoulder				
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers		SURF ELEV:	635.3	BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers		SURF ELEV:	635.3
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %	
0.0-1.0		634.3	3" Bituminous Concrete		Auger				
1.0-2.5		633.3	8" P.C. Concrete	0	7				
			FILL: Crushed Concrete		5-6				
			FILL: Black Clay (A-6) and Sand (A-3), trace Gravel		3				
3.5-5.0		629.8		13	5-2			18.3	
6.0-7.5		627.3	Medium Dense Br Sand A-3, trace Gravel	13	2			9.8	
8.5-10.0			Stiff to Very Stiff Gr Silty Clay Loom A-6 (13), trace Gravel	17	4-6	1.1	15	21.2	
11.0-12.5		622.3		18	2-3	2.3	15	21.1	
13.5-15.0			Medium Dense Gr Silt A-4, trace Gravel	16	4			12.2	
16.0-17.5		617.3		15	7-8			11.2	
18.5-20.0				16	4-6	2.3	15	16.8	
21.0-22.5				18	3	2.7	15	18.6	
23.5-25.0			Very Stiff to Hard Gr Silty Clay A-6, trace Gravel	18	5-9	3.5	15	20.9	
26.0-27.5				18	4	3.6	15	22.9	
28.5-30.0				18	4-9	4.2	15	24.7	
33.5-35.0		603.8	Medium Dense Gr Silt A-4	18	3			13.5	
		598.8			4-6				
38.5-40.0		595.3	Hard Gr Silty Clay A-6, trace Gravel	17	5			18.3	
REMARKS Automatic Hammer Used. () Denotes Calibrated Penetrometer Estimate									
WATER	DRY FT. ELEV.	DURING DRILLING	CORE SIZE	IN.	DATE:	Mar 18, 10			
WATER	FT. ELEV.	AT COMPLETION	CASING LENGTH	FT.	DRILLER:	Shlmon			
WATER	Caved@ FT. ELEV.	AFTER 1/4 HRS.	CASING DIAMETER	IN.	INSPECTOR:	Alsalam			

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS					
JOB NO:	BM3-1272	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	B-8 (cont.)				
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90	STATION:	3382+54	PROJECT:	Bridge Replacement at Cumberland Avenue and I-90				
LOCATION:	I-90 Eastbound Inside Shoulder	OFFSET:	26' RT	LOCATION:	I-90 Eastbound Inside Shoulder				
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers		SURF ELEV:	635.3	BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers		SURF ELEV:	635.3
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %	
43.5-45.0					18	19		15.3	
					29-43				
48.5-50.0			Medium to Very Dense Gr Silt A-4	18	17			16.7	
					25-32				
53.5-55.0		580.3		18	13			11.0	
					20-27				
Boring terminated @ 55'									
REMARKS Automatic Hammer Used. () Denotes Calibrated Penetrometer Estimate									
WATER	DRY FT. ELEV.	DURING DRILLING	CORE SIZE	IN.	DATE:	Mar 18, 10			
WATER	FT. ELEV.	AT COMPLETION	CASING LENGTH	FT.	DRILLER:	Shlmon			
WATER	Caved@ FT. ELEV.	AFTER 1/4 HRS.	CASING DIAMETER	IN.	INSPECTOR:	Alsalam			

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS					
JOB NO:	BM3-1272	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	B-9				
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90	STATION:	3383+93	PROJECT:	Bridge Replacement at Cumberland Avenue and I-90				
LOCATION:	I-90 Eastbound Outside Shoulder	OFFSET:	74' RT	LOCATION:	I-90 Eastbound Outside Shoulder				
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers		SURF ELEV:	635.1	BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers		SURF ELEV:	635.1
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %	
0.0-1.0		634.1	8" Bituminous Concrete		Auger				
1.0-2.5			3" Br Sand A-1-a	14	6			12.4	
			FILL: Br Fine Sand A-3		5-3				
3.5-5.0		629.6		15	3			13.0	
6.0-7.5				15	5			21.1	
8.5-10.0			Hard Br Clay A-6, trace Gravel	17	6-9	5.3	15	21.1	
11.0-12.5		622.1		17	3			21.5	
13.5-15.0			Medium Dense Gr Silt A-4, trace Gravel	18	6-7	4.5	15	21.5	
16.0-17.5		619.6		18	4			20.8	
18.5-20.0		617.1	Very Stiff Gr Silty Clay A-6, trace Gravel	18	4-7	4.6	15	20.8	
21.0-22.5				17	6			11.6	
23.5-25.0			Medium Dense Gr Silt A-4, trace Gravel	17	5			11.6	
26.0-27.5		614.6		17	10-11			11.6	
28.5-30.0			Very Stiff Gr Silty Clay A-6, trace Gravel	18	4			17.0	
33.5-35.0				18	5-8	2.8	15	17.0	
38.5-40.0		595.1		18	6			12.6	
				17	6-7			12.6	
				17	3			16.9	
				17	5-7	2.1	15	16.9	
				17	4			19.1	
				17	6-7	3.2	15	19.1	
				17	5			19.7	
				17	5-8	2.7	15	19.7	
				17	4			20.9	
				17	5-8	2.8	15	20.9	
				18	3			13.0	
				18	4-5	1.6	15	13.0	
				18	5			15.1	
				18	6-9	2.3	15	15.1	
REMARKS Automatic Hammer Used. () Denotes Calibrated Penetrometer Estimate									
WATER	50 FT. ELEV.	585.1	DURING DRILLING	CORE SIZE	IN.	DATE:	Mar 17, 10		
WATER	FT. ELEV.	AT COMPLETION	CASING LENGTH	FT.	DRILLER:	Shlmon			
WATER	38 FT. ELEV.	597.1	AFTER 1/4 HRS.	CASING DIAMETER	IN.	INSPECTOR:	Alsalam		

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