

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO:	BM3-1272	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	B-6 (cont.)			
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90			STATION:	3382+69			
LOCATION:	I-90 Westbound Inside Shoulder			OFFSET:	27' LT			
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers			SURF ELEV:	635.4			
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	43.5-45.0			18	12			14.7
	48.5-50.0		Dense to Very Dense Gr Silt A-4, trace Gravel	17	11			18.1
	53.5-55.0			18	12			10.3
	58.5-60.0	575.4		18	11			11.9
Boring terminated @ 60'								
REMARKS Automatic Hammer Used.						() Denotes Calibrated Penetrometer Estimate		
WATER	60 FT. ELEV.	575.4	DURING DRILLING	∇	CORE SIZE	IN.	DATE:	Mar 19, 10
WATER	FT. ELEV.		AT COMPLETION	∇	CASING LENGTH	FT.	DRILLER:	Shlimon
WATER	46 FT. ELEV.	589.4	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-7			
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90			STATION:	3383+93			
LOCATION:	I-90 Eastbound Inside Shoulder			OFFSET:	26' RT			
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers			SURF ELEV:	635.6			
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0	634.8	4" Bituminous Concrete					
	1.0-2.5		6" P.C. Concrete	6				
			FILL: Br Sand A-1-a					
	3.5-5.0	631.6		2				
			FILL: Black Clay A-7-6, trace Organics	15	3-5	1.4	15	27.4
	6.0-7.5	629.6		4	7-10			21.2
	8.5-10.0		Hard to Very Stiff Gr Silty Clay A-6, trace Gravel	16	4	5.9	15	21.6
	11.0-12.5	622.6		3	3-5	3.7	15	20.6
	13.5-15.0		Medium Dense Gr Silt A-4, trace Gravel	18	4	7-9		13.4
	16.0-17.5	620.1		5	5-7	4.0	15	17.2
			Hard Gr Silty Clay A-6, trace Gravel	18	3	2.1	15	16.9
	18.5-20.0	617.6		4	4-5	2.0	15	17.9
	21.0-22.5		Very Stiff to Stiff Gr Silty Clay A-6, trace Gravel	18	3	1.9	15	18.6
	23.5-25.0			3	4-7	2.8	15	17.0
	26.0-27.5			5	5-8	3.9	15	23.2
	28.5-30.0	605.6		3	8-10			18.8
			Loose Gr Sand A-3, trace Gravel	14	3	3-5		
	33.5-35.0	599.6		4	6-12	3.3	15	16.6
			Very Stiff Gr Silty Clay A-6, trace Gravel	18				
	38.5-40.0							
Boring terminated @ 60'								
REMARKS Automatic Hammer Used. * Water introduced into borehole below 50' due to blowing Sand.						() Denotes Calibrated Penetrometer Estimate		
WATER	32 FT. ELEV.	603.6	DURING DRILLING	∇	CORE SIZE	IN.	DATE:	Mar 18, 10
WATER	FT. ELEV.		AT COMPLETION	∇	CASING LENGTH	FT.	DRILLER:	Shlimon
WATER	* 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-7 (cont.)			
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90			STATION:	3383+93			
LOCATION:	I-90 Eastbound Inside Shoulder			OFFSET:	26' RT			
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers			SURF ELEV:	635.6			
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	43.5-45.0		Very Stiff Gr Silty Clay A-6, trace Gravel	18	8	3.1	15	17.9
	48.5-50.0	588.6		17	16			12.9
			Dense Gr Silt A-4, trace Gravel		20-26			
	53.5-55.0			0	No Sample			
	58.5-60.0	575.6		14	18	7.2	15	10.8
			Very Dense Gr Loam A-6 (7), trace Gravel (Hardpan)		24-32			
Boring terminated @ 60'								
REMARKS Automatic Hammer Used. * Water introduced into borehole below 50' due to blowing Sand.						() Denotes Calibrated Penetrometer Estimate		
WATER	32 FT. ELEV.	603.6	DURING DRILLING	∇	CORE SIZE	IN.	DATE:	Mar 18, 10
WATER	FT. ELEV.		AT COMPLETION	∇	CASING LENGTH	FT.	DRILLER:	Shlimon
WATER	* FT. ELEV.		AFTER 1/4 HRS.	∇	CASING DIAMETER	IN.	INSPECTOR:	Alsalam

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