

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO:	BM3-1272	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	B-9 (cont.)			
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90	STATION:	3383+93	OFFSET:	74' RT			
LOCATION:	I-90 Eastbound Outside Shoulder	SURF ELEV.:	635.1					
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 %
	43.5-45.0			18	19 15-19			13.9
50	48.5-50.0		Dense Gr Silty A-4, trace Gravel	18	13 20-25			16.0
	53.5-55.0			18	13 19-23			12.5
		578.4						
60	58.5-60.0	575.1	Hard Br Silty Clay A-6, trace Gravel	18	6 9-13	5.9	15	14.9
Boring terminated @ 60'								
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

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO:	BM3-1272	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	B-10			
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90	STATION:	3382+62	OFFSET:	74' RT			
LOCATION:	I-90 Eastbound Outside Shoulder	SURF ELEV.:	635.3					
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 %
	0.0-1.0	634.3	3.5" Bituminous Concrete					
	1.0-2.5	632.3	8" P.C. Concrete					
			FILL: Br Sand A-1-a, trace Organics	N/R				
	3.5-5.0		Very Stiff Gr Silty Clay A-6, trace Gravel	14	4 4-4	2.4		21.8
	6.0-7.5		Medium Dense Gr Sand A-3	15	3 6-7			7.7
10	8.5-10.0		Medium Dense Gr Silty A-4	18	4 7-7			15.5
	11.0-12.5			18	4 4-5			19.5
	13.5-15.0			18	4 6-7	2.0	15	10.8
	16.0-17.5			16	3 6-8	3.0	15	17.6
20	18.5-20.0			17	4 6-8	4.0	15	17.8
	21.0-22.5			18	3 6-9	3.2	15	17.6
	23.5-25.0		Very Stiff to Hard Gr Silty Clay A-6, trace Gravel	18	4 5-9	3.1	15	16.5
	26.0-27.5			18	4 7-10	3.2	15	18.7
30	28.5-30.0			17	4 7-10	4.0	15	20.1
	33.5-35.0			18	6 3-6			18.5
		602.3						
		598.3						
		595.3						
40	38.5-40.0	595.3	Hard Gr Silty Clay A-6, trace Gravel	18	6 8-13	6.5	15	15.2
REMARKS Automatic Hammer Used. * Water introduced into borehole below 55' due to blowing Sand. () Denotes Calibrated Penetrometer Estimate								
WATER	53.5 FT. ELEV.	581.8	DURING DRILLING	∇	CORE SIZE	IN.	DATE:	Mar 17, 10
WATER	FT. ELEV.		AT COMPLETION	∇	CASING LENGTH	FT.	DRILLER:	Shlmon
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-10 (cont.)			
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90	STATION:	3382+62	OFFSET:	74' RT			
LOCATION:	I-90 Eastbound Outside Shoulder	SURF ELEV.:	635.3					
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 %
	43.5-45.0			18	16 21-25			16.5
50	48.5-50.0		Medium Dense Gr Silty A-4, trace Gravel	18	13 13-30			16.2
	53.5-55.0							
		573.3						
60	58.5-60.0			18	13 20-25			11.4
		570.3						
		570.3						
			Dense Gr Loam A-6 (Hardpan)	18	9 13-19	6.1	15	13.9
Boring terminated @ 65'								
REMARKS			Automatic Hammer Used. * Water introduced into borehole below 55' due to blowing Sand. () Denotes Calibrated Penetrometer Estimate					
WATER	53.5 FT. ELEV.	581.8	DURING DRILLING	∇	CORE SIZE	IN.	DATE:	Mar 17, 10
WATER	FT. ELEV.		AT COMPLETION	∇	CASING LENGTH	FT.	DRILLER:	Shlmon
WATER	* FT. ELEV.		AFTER 1/4 HRS.	∇	CASING DIAMETER	IN.	INSPECTOR:	Alsalam

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