

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO:	BM3-1272	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	B-3 (cont.)			
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90			STATION:	3384+06			
LOCATION:	I-90 Westbound Outside Shoulder			OFFSET:	80' LT			
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 %
		593.3	Very Stiff Gr Silty Clay A-6, trace Gravel					
	43.5-45.0			18	10 15-25			17.5
50	48.5-50.0		Dense to Medium Dense Gr Silt A-4, trace Gravel	16	9 13-17			17.4
	53.5-55.0			15	5 11-17			11.9
		577.3						
60	58.5-60.0	575.3	Extremely Dense Gr Loam A-6 (Hardpan)	12	16 49-46			18.1
Boring terminated @ 60'								
REMARKS Automatic Hammer Used.						() Denotes Calibrated Penetrometer Estimate		
WATER	33 FT. ELEV.	602.3	DURING DRILLING	∇	CORE SIZE	IN. DATE:	Mar 15, 10	
WATER	FT. ELEV.		AT COMPLETION	∇	CASING LENGTH	FT. DRILLER:	Shlmon	
WATER	51 FT. ELEV.	584.3	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-4			
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90			STATION:	3382+64			
LOCATION:	I-90 Westbound Outside Shoulder			OFFSET:	80' LT			
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	633.8	10" Bituminous Concrete					
	1.0-2.5		5" Sand A-1-a	2	Auger 9 5-5			
	3.5-5.0	630.1	Stiff Br Silty Clay A-6, trace Gravel	13	3 2-4	1.2	15	23.4
	6.0-7.5			16	3 3-8	4.1	15	23.9
10	8.5-10.0		Hard to Very Stiff Br Silty Clay A-6, trace Gravel	12	4 7-9	5.5	15	21.3
	11.0-12.5	622.1		18	3 4-4	2.7	15	17.1
	13.5-15.0		Medium Dense Gr Silt A-4	15	4 7-8			18.2
	17.0-18.5	619.1		16	3 6-8	3.1	15	19.7
	18.5-20.0			17	3 5-8	2.9	15	20.7
20	21.0-22.5			17	3 4-6	2.1	15	19.8
	23.5-25.0		Very Stiff Gr Silty Clay A-6, trace Gravel	5	3 5-6	(2.0)		17.2
	26.0-27.5			18	3 5-9	2.9	15	21.4
30	28.5-30.0			18	3 5-10	2.5	15	20.7
	33.5-35.0	602.1	Medium Dense Gr Sandy Loam A-2-4, trace Gravel	18	4 5-6			12.6
	38.5-40.0	598.1	Very Stiff Gr Silty Clay A-6	18	9 6-8	3.8	15	15.3
40								
REMARKS Automatic Hammer Used.								
REMARKS Automatic Hammer Used.						() Denotes Calibrated Penetrometer Estimate		
WATER	DRY FT. ELEV.		DURING DRILLING	∇	CORE SIZE	IN. DATE:	Mar 15, 10	
WATER	FT. ELEV.		AT COMPLETION	∇	CASING LENGTH	FT. DRILLER:	Shlmon	
WATER	DRY 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-4 (cont.)			
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90			STATION:	3382+64			
LOCATION:	I-90 Westbound Outside Shoulder			OFFSET:	80' LT			
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 %
		593.1	Very Stiff Gr Silty Clay A-6					
	43.5-45.0			18	7 14-25			16.2
50	48.5-50.0			18	3 4-10			20.4
	53.5-55.0		Dense to Medium Dense Gr Silt A-4, trace Gravel	17	8 10-13			24.4
	58.5-60.0			18	10 9-14			12.5
	63.5-65.0			18	7 11-18			14.2
	66.0-67.5	567.6		18	8 11-18			17.1
Boring terminated @ 67.5'								
REMARKS Automatic Hammer Used.						() Denotes Calibrated Penetrometer Estimate		
WATER	DRY FT. ELEV.		DURING DRILLING	∇	CORE SIZE	IN. DATE:	Mar 15, 10	
WATER	FT. ELEV.		AT COMPLETION	∇	CASING LENGTH	FT. DRILLER:	Shlmon	
WATER	DRY FT. ELEV.		AFTER 1/4 HRS.	∇	CASING DIAMETER	IN. INSPECTOR:	Alsalam	

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