

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS					
JOB NO:	BM3-1272	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	B-2 (cont.)				
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90	STATION:	119+18	OFFSET:	33' LT				
LOCATION:	Bridge North Abutment	BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers	SURF ELEV.:	653.6				
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %	
	43.5-45.0		Very Stiff Gr Clay A-6, trace Gravel	18	3 5-8	2.4	15	21.3	
		606.6							
50	48.5-50.0			18	5 6-9	2.7	15	13.1	
	53.5-55.0			18	5 6-9	2.3	15	16.4	
		586.6							
60	58.5-60.0		Very Stiff Gr Silty Clay A-6, trace Gravel	18	4 7-10	3.7	15	14.7	
	63.5-65.0			16	12 10-16	3.3	15	15.4	
70	68.5-70.0			17	9 12-18			17.1	
	73.5-75.0		Dense Gr Silt A-4, trace Gravel	18	10 11-19			11.7	
80	78.5-80.0			18	11 14-18			11.5	
REMARKS						Automatic Hammer Used.			
WATER						30 FT. ELEV. 623.6 DURING DRILLING			
WATER						AT COMPLETION			
WATER						Caved@61 FT. ELEV. 592.6 AFTER 1/4 HRS.			
IN.						DATE: Apr 15, 10			
IN.						DRILLER: Shlmon			
IN.						INSPECTOR: Alsalami			
						() Denotes Calibrated Penetrometer Estimate			

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS					
JOB NO:	BM3-1272	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	B-2 (cont.)				
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90	STATION:	119+18	OFFSET:	33' LT				
LOCATION:	Bridge North Abutment	BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers	SURF ELEV.:	653.6				
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %	
		571.6	Dense Gr Silt A-4, trace Gravel						
			Hard Gr Silty Clay A-6, trace Gravel		7				
	83.5-85.0	568.6		17	10-15	4.3	15	19.2	
Boring terminated @ 85'									
REMARKS						Automatic Hammer Used.			
WATER						30 FT. ELEV. 623.6 DURING DRILLING			
WATER						AT COMPLETION			
WATER						Caved@61 FT. ELEV. 592.6 AFTER 1/4 HRS.			
IN.						DATE: Apr 15, 10			
IN.						DRILLER: Shlmon			
IN.						INSPECTOR: Alsalami			
						() Denotes Calibrated Penetrometer Estimate			

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS					
JOB NO:	BM3-1272	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	B-3				
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90	STATION:	3384+06	OFFSET:	80' LT				
LOCATION:	I-90 Westbound Outside Shoulder	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	634.1	11" Bituminous Concrete						
	1.0-2.5		3" Sand A-1-a	17	Auger 17 5-6				
	3.5-5.0		Medium Stiff to Stiff Br Silty Clay A-6, trace Gravel	11	2 2-2	0.8	15	29.9	
	6.0-7.5			7	1 1-2	(1.5)		23.7	
10	8.5-10.0	627.3							
			Hard Gr Silty Clay A-6, trace Gravel	13	4 5-9	5.8	15	18.1	
	11.0-12.5	624.3							
			Loose Gr Silt A-4	18	3 4-5			19.9	
	13.5-15.0	622.3							
			Hard Gr Silty Clay A-6, trace Gravel	15	4 5-6	4.6	15	20.8	
	16.0-17.5	619.3							
			Medium Dense Gr Silt A-4, trace Gravel	18	3 8-6			14.9	
20	18.5-20.0	617.3							
				13	4 5-7	2.3	15	20.4	
	21.0-22.5			18	3 4-7	1.9	15	22.3	
	23.5-25.0		Very Stiff to Stiff Gr Clay A-6 (19), trace Gravel	17	4 5-7	1.5	15	24.6	
	26.0-27.5			18	3 5-8	2.2	15	21.5	
30	28.5-30.0			17	3 6-10	3.4	15	20.0	
		603.3							
	33.5-35.0		Stiff Gr Sandy Clay A-6, trace Gravel	8	5 6-9	(1.3)		15.9	
		598.3							
40	38.5-40.0		Very Stiff Gr Silty Clay A-6, trace Gravel	18	5 7-10	2.5	15	15.1	
REMARKS						Automatic Hammer Used.			
WATER						33 FT. ELEV. 602.3 DURING DRILLING			
WATER						AT COMPLETION			
WATER						51 FT. ELEV. 584.3 AFTER 1/4 HRS.			
IN.						DATE: Mar 15, 10			
IN.						DRILLER: Shlmon			
IN.						INSPECTOR: Alsalami			
						() Denotes Calibrated Penetrometer Estimate			

G:\IDOT\21850_006\CumberlandAve\Drawings\CADD Sheets\0160J14-sht-blog-02.dgn