

Testing Service Corporation

STRUCTURE BORING LOG

Page 1 of 1

Date Started 10/11/12

Date Completed 10/11/12

ROUTE TR21 DESCRIPTION Retaining Walls  
 SECT 08-000356-00-BR STRUCT. NO. 056-3192 DRILLED BY TSC L-79-206  
 COUNTY McHenry LOCATION Hill Road Bridge S. 16E 1/2, TWP. 46N, RNG. 8E

Surface Elev.	DEPTH	DESCRIPTION	Qu	W	Surface Water Elev.	DEPTH	DESCRIPTION	Qu	W
787.20		6" Bituminous Concrete			781.70		(See Bottom Column 1)		
		8" Sand and Gravel Subbase					Medium dense gray fine to medium SAND, trace gravel, saturated	9	15.9
	4		P						
	8		0.5	12.7					
	10								
784.20		FILL - Brown CLAY LOAM, little gravel, trace organic, very moist							
	3		P						
	4		2.0	17.4					
	5								
779.20		Soft brown and black sandy ORGANIC CLAY, very moist							
	5		P						
	7		2.0	14.5					
	7								
776.70		Loose brown and black SANDY CLAY LOAM, trace organic, very moist							
	2		P						
	3		0.5	55.5					
	3								
774.20		Medium dense gray SILTY LOAM, moist							
	3								
	6			17.6					
	7								
771.70		Medium dense gray SANDY LOAM, very moist							
	4								
	9			19.7					
	12								
769.20		Medium dense gray SILTY LOAM, little silty clay layers, very moist							
	4								
	8			21.3					
	0								
765.70		Medium dense gray fine to medium SAND, trace gravel, occasional silt seams, saturated							
	9								
	9			19.6					
	15								
763.70		Stiff gray SILTY CLAY LOAM, occasional silt seams, very moist							
	4		P						
	5		1.5	24.8					
	7								

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

Testing Service Corporation

STRUCTURE BORING LOG

Page 1 of 1

Date Started 10/11/12

Date Completed 10/11/12

ROUTE TR21 DESCRIPTION Retaining Walls  
 SECT 08-000356-00-BR STRUCT. NO. 056-3192 DRILLED BY TSC L-79-206  
 COUNTY McHenry LOCATION Hill Road Bridge S. 16E 1/2, TWP. 46N, RNG. 8E

Surface Elev.	DEPTH	DESCRIPTION	Qu	W	Surface Water Elev.	DEPTH	DESCRIPTION	Qu	W
786.10		6" Bituminous Concrete			780.10		(See Bottom Column 1)		
		FILL - Brown SAND and GRAVEL, moist					Dense gray SAND, trace gravel, saturated	9	8.2
	3								
	7								
	7								
783.60		FILL - Black CLAY LOAM, little organic, very moist							
	4		P						
	7		1.0	31.6					
	7								
780.60		Medium dense black and gray clayey SAND and GRAVEL, trace organic, moist							
	5								
	9			18.3					
778.10		Medium dense gray SAND and GRAVEL, saturated							
	8								
	10			12.3					
	11								
775.60		Medium dense gray fine to medium SAND, trace gravel, saturated							
	7								
	11			8.8					
	15								
773.10		Medium stiff to stiff gray SILTY CLAY LOAM, occasional silt seams, very moist to moist							
	3		B						
	4		0.90	23.5					
	4		15%						
	16								
765.60		Medium dense gray fine to medium SAND, trace gravel, saturated							
	7		P						
	7		1.75	22.8					
	11								
	11		B						
	9		0.70	22.9					
	11		15%						
	15								
	15			15.8					
	15								
	10								
	11			9.4					
	16								
	28								

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet

FILE NAME = S:\JULIA\_68000-68999\_6842\007\MicroStation\08-00-356-3192-63666-021-581.dgn

