

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION  
Testing Service Corporation  
STRUCTURE BORING LOG

Page 1 of 2  
Date 9/18/08

ROUTE Vernon Avenue DESCRIPTION Bridge Over Sugar Creek  
SECT. 06-00230-00-BR STRUCT. NO. \_\_\_\_\_ DRILLED BY B. Williamson  
COUNTY McLean LOCATION \_\_\_\_\_ S. 35, TWP. 24N, RNG. 2E

Boring No.	Station	Offset	Surface Elev.	D	B	Qu	W	Surface Water Elev.	D	B	Qu	W
<u>B-1 W. Abutment</u>	<u>39+19</u>	<u>45.00R RT</u>	<u>787.90</u> ft	<u>H</u>	<u>S</u>	<u>tsf</u>	<u>%</u>	<u>772.9</u>	<u>H</u>	<u>S</u>	<u>tsf</u>	<u>%</u>
FILL - Very stiff to stiff dark brown CLAY LOAM, moist												
				3	P	15		762.40				
				3	2.5							
				6								
				4	P	17		759.90				
				5	2.0							
				5								
Brick fragments in Samples 3 and 4												
				2	P	22		755.90				
				8	2.0							
				3								
Tree root in Sample 5												
				3	P	29		751.90				
				5	1.0							
				33								
Medium dense brown fine to medium SAND, moist to saturated												
				9	P	23		745.90				
				4	1.5							
				6								
Very dense brown fine to coarse SAND and small GRAVEL, some rock fragments, saturated												
				15				740.90				
				31								
				24								
				15								
				37								
				41								

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

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ROUTE Vernon Avenue  
SECTION 06-00230-00-BR  
COUNTY McLean

Boring No.	Station	Offset	Surface Elev.	D	B	Qu	W
<u>B-1 W. Abutment</u>	<u>39+19</u>	<u>45.00R RT</u>	<u>737.90</u> ft	<u>H</u>	<u>S</u>	<u>tsf</u>	<u>%</u>
Stiff gray SILTY CLAY LOAM, moist							
				3	P	15	
				5	1.5		
				7			
End of Boring at 60'							

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COUNTY McLean LOCATION \_\_\_\_\_ S. 35, TWP. 24N, RNG. 2E

Boring No.	Station	Offset	Surface Elev.	D	B	Qu	W	Surface Water Elev.	D	B	Qu	W
<u>B-2 E. Abutment</u>	<u>41+45</u>	<u>30.00R LT</u>	<u>784.10</u> ft	<u>H</u>	<u>S</u>	<u>tsf</u>	<u>%</u>	<u>772.1</u>	<u>H</u>	<u>S</u>	<u>tsf</u>	<u>%</u>
FILL - Stiff to very stiff dark brown CLAY LOAM, moist												
				2	P	20		779.10				
				3	1.25							
				4								
Stiff to very stiff gray SILTY CLAY LOAM, moist												
				3	P	24		776.60				
				5	2.5							
				6								
Stiff brown SILTY LOAM, moist												
				1	P	26		776.10				
				1	1.25							
				3								
Loose brown SANDY LOAM, moist												
				2	P	13		773.10				
				2								
				5								
Loose to medium dense gray fine to coarse SAND, saturated												
				4	P	16		769.10				
				4								
				4								
Loose fine SAND, saturated												
				5	P	13		747.10				
				6								
				3								
Very dense brown fine to coarse SAND and small GRAVEL, saturated												
				13	P	14		742.10				
				36								
				34								
Medium dense gray fine to coarse SAND and small GRAVEL, saturated												
				11	P	14		740.10				
				13								
				13								
				12								
				12								
				14								
Hard gray SILTY CLAY LOAM, moist												
				3	P	12		761.10				
				5	4.26							
				8								

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SECTION 06-00230-00-BR  
COUNTY McLean

Boring No.	Station	Offset	Surface Elev.	D	B	Qu	W
<u>B-2 E. Abutment</u>	<u>41+45</u>	<u>30.00R LT</u>	<u>734.10</u> ft	<u>H</u>	<u>S</u>	<u>tsf</u>	<u>%</u>
Stiff gray SILTY CLAY LOAM, moist							
				3	P	14	
				3	1.31		
				4			
Medium dense gray fine SAND, saturated							
				5	P	15	
				5	1.75		
				10			
End of Boring at 60'							

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

(Sheet 1 of 2)  
SOIL BORING LOGS  
STRUCTURE NO. 057-7800

DESIGNED	SMM
CHECKED	MAES
DRAWN	SMM
CHECKED	MAES

SHEET NO. 25	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	6354	06-002300-00-BR	MCLEAN	64	54
26 SHEETS	SN 057-7800		CONTRACT NO. 91430		
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT					