

**ENGINEERS, INC.**  
2900 N. MARTIN LUTHER KING JR. DRIVE  
DECATUR, ILLINOIS 62526

**SOIL BORING LOG**

Page 1 of 2

Date 11/13/2008

ROUTE \_\_\_\_\_ DESCRIPTION SKS No. 811292  
Bridge Borings - TR 154, Sec. 03-06130-00-BR LOGGED BY T. Mathias/BG/CK  
SECTION \_\_\_\_\_ LOCATION Piatt County, Illinois SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ PM  
COUNTY Macon DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Safety Hammer

STRUCT. NO. 074-3101 Station BORING NO. B-1 B-3 Station 11+35 Offset Ground Surface Elev. 655.4 ft	D E P T H ft	B L O W S Qu	U C S Qu tsf	M O I S T H rs	Description	Surface Water Elev. 646.0 ft Stream Bed Elev. 641.3 ft	D E P T H ft	B L O W S Qu	U C S Qu tsf	M O I S T H rs
6" Oil & Chip					SAND - Gray, saturated, dense, fine-coarse, tr-little gravel A-1-A		27			13
SILTY CLAY LOAM - Dark Gray-Brown, moist, firm, low-med. plasticity, tr sand, tr gravel, organics A-6	3		18				70	7.1		9.2
	3						60+			
	3									
4.5										
SILTY CLAY LOAM-Dark Gray moist, stiff, low-med plasticity, tr sand, tr gravel, organics A-6	2		15				10			19
	4						15			
	5						21			
	3						10			9.2
	5						12			
	6						14			
	1						9			14
	3	.9	26				15			
	4						17			
	2						32.0			
	2	.55	21		SILTY CLAY LOAM - Gray, moist, very stiff, low plasticity A-6		11	1.2		12
	2						11			
	2						12			
14.5										
CLAYEY SAND - Gray, wet, med. dense, fine-medium A-2-B	3		25				9			11
	6						12			
	10						19			
17.0										
SAND - Gray, saturated, dense, fine-coarse, tr-little gravel A-1-A	1		16				17	6.6		8.0
	16						25			
	29						80+			
	11						40			27

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T205)

BBS 137 (3/01)

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SILTY CLAY LOAM - Gray, moist, very stiff, low plasticity A-6	31	3.3	11				60+			18
	60+									
45.0										
	36	3.5	8.9		Depth N = Blows	65.0	30			
	60+				40.5 ft. 60N = 6"		37	3.3		9.0
					43.0 ft. 60N = 6"		60+			
					46.5 ft. 60N = 6"					
					48.0 ft. 60N = 3"					
	37	1.5	9.3		50.5 ft. 60N = 4"		21			17
	60+				53.5 ft. 60N = 6"		29	1.6		
					55.0 ft. 60N = 6"		80+			
					58.0 ft. 60N = 6"					
	50.0	4.5	9.2		60.5 ft. 60N = 6"		20			10
	60+				62.5 ft. 60N = 3"	70.0	50			
					66.0 ft. 60N = 4"		60+			
					68.5 ft. 60N = 3"					
					71.5 ft. 60N = 1"					
					72.5 ft. 60N = 3"					
					75.0 ft. 60N = 4"					
	3						60+			8.3
	9									
	60+	7.7								
	60+									
55.0		4.9	9.3				75.0			9.0
							76.0			
					END OF BORING @ 76.0 FT. BORING BACKFILLED WITH SPOIL AND CAPPED WITH CONCRETE CYLINDER UPON COMPLETION					
	31									
	60+	3.6	21							
SILT LOAM - Gray, very moist, hard, low plasticity, little sand A-4	59.5									
	60.0									
SILTY CLAY LOAM - Gray	24									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T205)

BBS 137 (3/01)

DESIGNED - M.D.C.
CHECKED - S.M.S.
DRAWN - D.A.B.
CHECKED - M.G.B.

**BORING 3**

**BORINGS**  
**STRUCTURE NO. 074-3296**

<b>HAMPTON, LENZINI &amp; RENWICK, INC.</b> CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS <b>HLR</b> 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 548-3400	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	154	03-06130-00-BR	PIATT	57	35
PROJECT NUMBER: 12-75-0001-1	DATE: 12/22/08	SANGAMON ROAD DISTRICT		CONTRACT NO. 91385	
		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	