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

SOIL BORING LOG

Page 1 of 2

Date 07/13/2004

ROUTE _____ DESCRIPTION Bridge Boring LOGGED BY D. Baldwin/T. Mathias

SECTION 03-06130-00-BR LOCATION Sangamon Road Dist. SEC. 10 TWP. 19N RNG. 6E PM

COUNTY Piatt County, IL DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Safety

STRUCT. NO. 074-3101
Station

BORING NO. B-2
Station 1+37
Offset 12 ft. LT
Ground Surface Elev. 100.5 ft

Surface Water Elev. 87.5 ft
Stream Bed Elev. 85.5 ft

Groundwater Elev.:
First Encounter 17.0 ft
Upon Completion 15.0 ft
After 0 Hrs 0 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	Qu (tsf)	MOIST (%)
1" Oil & Chip					
SILTY CLAY LOAM - Dark Brown, moist, firm, medium plasticity, trace sand, trace gravel, organics	A-6		2		
- stiff			3		17
			3		
		-5	4		
			4		21
			6		
			4		
			5		23
			6		
	9.5				
SILTY CLAY LOAM - Brown, moist, firm, low-medium plasticity, trace sand, trace gravel, organic	A-6	-10	3		
			3	1.4	20
			4		
	12.5				
CLAYEY SAND - Brown-Dark Gray, wet-saturated, soft, low plasticity, trace gravel	A-2-6		1		
			1		20
			2		
	14.5				
SILTY CLAY LOAM - Gray, wet, stiff, low plasticity, trace gravel	A-6	-15	2		
			4		14
			8		
	17.0				
SAND - Gray, saturated, medium dense, fine-medium, trace gravel - creek bed @ 16.0 ft. * free water @ 17.0 ft.	A-1-B		4		
			13	1.5	11
			16		
		-20	14		
			25		8
			30		
	22.0				
SILTY CLAY LOAM - Gray, moist, very stiff, low plasticity, trace sand, trace gravel - hard	A-6		14		
			44		10
			16+		
	24.5				
CLAYEY SAND - Gray, very moist, very dense, fine-coarse, trace gravel	A-2-6	-25	12		
			26		10
			30		
	27.0				
SILTY CLAY LOAM - Gray, moist, hard, low plasticity, trace sand, trace gravel	A-6		29		
			31	2.6	18
			29+		
		-30	22		
			25	6.6	10
			30		
			12		
			22	4.3	10
			23		
		-35	8		
			12	7.2	10
			20		
			23		
			40		9
			20+		
		-40	25		

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 T206)

BBS 137 (3/01)

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Groundwater Elev.:
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Upon Completion 15.0 ft
After 0 Hrs 0 ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	Qu (tsf)	MOIST (%)
	41.0		60+		8
END OF BORING @ 41.0 FT. Boring backfilled with spoil and capped with concrete cylinder upon completion					
		-5			
		-10			
		-15			
		-20			

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BBS 137 (3/01)

BORING 2

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

BORINGS
STRUCTURE NO. 074-3296

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS
HLR
3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400
PROJECT NUMBER: 12-75-0001-1 DATE: 12/22/08

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
154	03-06130-00-BR	PIATT	57	34
SANGAMON ROAD DISTRICT		CONTRACT NO. 91385		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		