sheet no. 82*86* **SHEETS** 

Contract #72A76

of Transportation  Division of Highways  District 6					SOIL BORING LOG		Date	10	0/30/0
ROUTE FAP 614 (IL 78) DESCRIPTION	_	IL 78 Over the Sangamon River		over the Sangamon River	LOGGED BY		М. Тарр	an	
SECTION 144(B-1) LOI	CATION	_	SE 14, S	EC. 30, 1	TWP. 19 N, RNG. 9 W, 3 PM				
COUNTY Cass and Mason DRILLING IN	METHOD				HSARotary HAMMER TO	/PE		Auto	
009-0510 Pr STRUCT, NO. 009-0005 Ex	D	В	u	М	Surface Water Elev. 442.1 (Nov.)	. 4. D	В	U	П
Station 913+16	E	L	C	0		i it E	L	C	
	P	0	S	1		P	0	S	
30RING NO. 0510-P8 Pier 8	T	W		S	Groundwater Elev.:	Ţ	W		
Station 916+56	H	S	Ou	Т			S	Cm	
Offset 0.0ft	(ft)	/6"	(tsf)	(%)	Upon Completion N/A		/6"	(tsf)	l,
Ground Surface Elev. 449.5 ft	(44)	~	(101)	(70)	▼ After Hrs. Plugged	π   ν.		(wi)	Ľ
Brown and Very Dark Grey Moist	-				Grey Medium SAND (continued)	-	2		╀
Refer Class P7-1)	-					_	-		
	$\dashv$	2				-	- 5		
	$\rightarrow$	3	1.4	29	Medium to Coarse (Washed)	_	3		t
	$\dashv$	2	S-10		, ,	-	2		
									T
		2				_	5		L
	5	4 5	3.5 B	23	Medium to Coarse Sand (Washed)	_=	25 7 8		
	4	•	В		-   (VY Ballou)	-	8		╄
	-						-		
	$\dashv$	1				-	-		
Brown and Grey	-	2	1.7	26	-		-		
	$\neg$	3	В			-	2		
					Fine to Medium Sand		5		T
▽ 440.5					Begin Rotary Mud Drilling Adjusted Sample Interval		9		
Grey Medium SAND	4	1			Autoacca Gampio Interval	-			
Free Water	10	2				_=	36		
	-	•			-	-	-		
	-					_	-		
	$\dashv$	1				-	-		
	$\neg$	2			1		1		
		2				-	7		
					Medium Sand w/Some Sandy		13		Г
					Gravel	415.50	16		
	4	5			Grey SANDY GRAVEL	_			
Medium to Coarse (Washed)	-16	3					35		
	-	Z			.	-	_		
	-					_	-		
	$\dashv$	1				-	-		
			-	-	-	_	-	1	
Medium Sand (Washed)		2							
Medium Sand (Washed)	$\exists$	2 3				-	3		
Medium Sand (Washed)		_			Fine Sandy Gravel	_	3 6		L

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)

Abbreviations W.O.H – Sampler Advanced By Weight of Hammer, W.O.P – Advanced by Weight of Pipe, B.S. – Before Seating

The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-95)

Illinois Department Page <u>2</u> of <u>2</u> SOIL BORING LOG of Transportation FAP 614 (IL 78) DESCRIPTION LOCATION SE 14, SEC. 30, TWP. 19 N, RNG. 9 W, 3 PM Groundwater Elev.:

Very First Encounter

Very Upon Completion 0510-P8 Pier 8 0.0ft Grey SANDY GRAVEL Grev Medium SANDY GRAVEL

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BORINGS (SHEET 10) F.A.P. 614 (IL 78) OVER SANGAMON RIVER PUBLIC WATERS CASS & MASON COUNTIES SECTION 144 (B-1) STA. 913+26.00

STRUCTURE NUMBER 009-0510
PROFESSIONAL DESIGN FIRM LICENSE #184-001084



0752026 03/27/09