SHEET NO. 81 *86* **SHEETS**

Contract #72A76

Illinois Department Page <u>1</u> of <u>2</u> SOIL BORING LOG of Transportation LOGGED BY SE 14, SEC. 30, TWP. 19 N, RNG. 9 W, 3 PM HAMMER TYPE COUNTY 009-0510 Pr 009-0005 Ex 442.1 (Nov.) ft STRUCT. NO. Groundwater Elev.: 441.6 ft

N/A ft

Plugged ft Offset **▼Upon Completion** 0.0ft Very Dark Grey Moist CLAY CLASSIFICATION P7-1 3 2.0 33 Fine (Washed) 2 2.7 22 Fine (Washed) Light Brown and Dark Grey _6 5 S-12 2 2.0 24 1.4 30 Fine Sandy Gravel (Washed) Medium Sandy Gravel w/Grey Fine Sand (Washed)

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (8-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. 8-98)

ROUTE FAP 6M (IL.78) DESCRIPTION IL.78 Over the Sangamon River LOGGED BY M. Tapper			n of Highweys B								Date		M9·07
COUNTY Case and Meson DRILLING METHOD HSA HAMMER TYPE Auto	DOUNTY Case and Mason DRILING METHOD HSA HAMMER TYPE Auto	ROUTE FAP 614	(IL 78) DESCRIPT	ION				IL 78 (Over the Sangamon River LOGGED BY M. Tapper				an
Stratuct	Street Company Compa	SECTION	144(B-1)	LOCA	NOIT	_	SE 1/4, S	EC. 30,	TWP. 19 N, RNG. 9 W, 3 PM				
Stration Grey Medium (Washed) Stration Grey Fine Sandy Gravel Grey Fine Sandy Gravel	Strain	COUNTY Cass	and Mason DRII	LING ME	THOD				HSA HAMMER TYPE			Auto	
Sacrey Medium (Washed)	B	Station BORING NO. Station Offset Ground Surface Elev. Grey SANDY GRAVEL	009-0006 Ex 913+16 0510-P7 Pier 7 915+11 0.0ft		E P T H	L O W S	C S Qu	O I S T	Stream Bed Elev. 438° ft Groundwater Elev.:	E P T H	U W S	C S Qu	; ;
Washed 3	Sirey Fine Sandy Gravel Mashed Sandy Gravel Weight Brown Cherty Limestone Sa2.10 1002* 1002*	Grey Medium (Weshed			-45	4				-58			
Grey Fine Sandy Gravel Grey Fine Sandy Gravel Weshed) Drilled Very Stiff Sheared Augers at 40° ft Loat 6 Sections 379.10 Abandoned Hole – Borting Completed	Drilled Very Stiff Sheared Augers at 40° ft Lost 6 Sections 379:10 Abandoned Hole – Boring Completed Areahed) Areahed Areahed	Washed)			-50	3			Drilled "Crunchy" Assumed		100/2"		
Sheared Augers at 40° ft Lost 6 Sections 379:10 Abandoned Hole - Boring Completed Grey Fine Sandy Gravel	Sheared Augers at 40° ft Lost 6 Sections 379.10 Abandoned Hole – Boring Completed Abandoned Hole – Boring Completed								Drilled Very Stiff	80.60	-		
Grey Fine Sandy Gravel 4 Weehed 9	irrey Fine Sandy Gravel 4 —————————————————————————————————				_				Sheared Augers at 40° ft Lost 6	379.10			
Washed)	Washed)												
					-55				-	78	<u>.</u>		
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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (8-Bulge, S-Shear, P-Penetrometer, E-Estimated)
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BORINGS (SHEET 9) 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