SHEET NO. 86 86 SHEETS

Contract #72A76

	letrict 6					_							
ROUTE FAP 614 (IL 78) DESCRIPTION					IL 78 Over the Sangamon River LOGGED					BY M. Tappan			
SECTION	144(B-1)	LOCA	ATION	_	SE 1/4, S	EC. 30,	TWP. 19 N, RNG. 9 W, 3 PM						
COUNTY C	Cass and Mason DRILL		ETHOD				HSA/Rotary	_ HAMMER TYPE		Auto			
STRUCT, NO.	009-0510 Pr 009-0005 Ex		D	В	U	м	Surface Water Elev.	442.1 (Nov.) ft	D	В	U	N	
Station	913+16		E	L	С	0	Stream Bed Elev.	436* ft	E	L	C	(
			P	0	S	1			P	0	S	١.	
Boring No.	0510-S S. Abut.	_	T H	W	Cu	S	Groundwater Elev.:		T H	W	Cu	:	
Station	922+36	_	"	•	_ W		▼ First Encounter	443.3 ft	n	•	_ CEL		
Offset Ground Surface Ele	12.0ft RT av. 452.3	- _{ft}	(ft)	<i>/</i> 6"	(tsf)	(%)	▼ Upon Completion ▼ After Hrs.	N/A ft	(ft)	Æ"	(tsf)	(5	
Ground Surface Eli ery Dark Grey Mois		_ π	144		(10.1)	1707	SAND (continued)	Plugged ft	144		(1007)	,,	
very Dark Grey Mois Refer Class P7-1	EULAY		\dashv				SAND (continued)		\dashv				
				2						0			
				3	1.7	35	Grey Medium Sand (Washed	i)		1			
				4	В		-		_]	2			
			_						-				
			\dashv	1					\dashv	1			
Light Brown and Grey			-	2	1.1	22	(Washed)		-	2		Н	
			_5	4	В				-26	5			
							1						
		448,30											
Tan and Grey Moist	SAND LOAM		4	1					_				
				1 2	0.5 S-12	16				6			
			+		5-12		Grev Coarse Sand with Som	a Pas	+	6		H	
							Gravel	0 100		8			
	∇	443,30	-	0			Begin Mud Rotary Drilling		+			\vdash	
SAND	<u>V</u>	443,30		1			Adjusted Sample Interval		-				
Free Water			10	1					-30				
Brown Fine													
									_				
			_	0			1						
rown Fine Sand				1						7			
			+	1			Grey Medium Sand		+	16	_		
			-				Gray Modium Ganu		-	10			
			\dashv	0					+				
Grey Medium Sand			\dashv	0			1						
			-15	1					-36				
							1						
14/ 1 15			\perp	1			-						
(Washed)				1									
			+	2			Grav Clas to Madium Cond		4	4 5			
			\dashv				Grey Fine to Medium Sand		-	8			
			-	0					+	•	-		
Grey Fine Sand (Wa	sharl\		-	1			-						

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. 8-99)

District 6									Date		7/07	
OUTE FAP 614 (IL 78) DESCRIPTION	_			IL 78 (Over the Sangamon River		.OGGED	BY		М. Тарр	an	
ECTION 144(B-1) LOCA	ATION	_	SE 14, S	EC. 30,	TWP. 19 N, RNG. 9 W, 3 PM							
COUNTY Cass and Mason DRILLING		METHOD			HSAffotary	HAMMER TYPE			Auto			
TRUCT. NO. 009-0005 Ex	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: Virst Encounter Vipon Completion After Hrs. Grey Medium SANDY GRAVE	442.1 (Nov.) 436* 443.3 N/A Plugged	ft ft ft	D E P T H	B L O W S	U C S Ou (tsf)	M O I S T	
rey Fine Sendy Gravel	-46	6 5 7			(continued)			-85				
rey Medium Sand with Some " Pea Gravel	-60	1 3 8			Light Grey Well Indurated Crystalline LIMESTONE No Recovery in Last Sample – Light Grey Limestone Chips in Return Mud Rotary Drilled 1.2 ft in 16 Min. Boring Completed		386.30		1004"			
rey Medium SANDY GRAVEL	-56	2 3 9										

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 1206) BBS, from 137 (Rev. 8-99)

BORINGS (SHEET 14) 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