STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Γ	ROUTE NO.	SECTION	cou	JNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.	18
	F.A.P. 717	101B-1	L00	GAN	49	34	23 SHEETS	
F	ED. ROAD DIST.	NO. 7	ILLINOIS	FED. AID PR	OJECT-			

Contract #72AO4

Illinois Departme of Transportation Division of Highways mort District 6						SOIL BORING	LOG			Page Date	<u>1</u> 8	15/06
ROUTE FA 717 DESCRIPTION	ON				IL	10 over Prairie Creek	LOC	GED B	SY		М. Тарр	an
ECTION 101 BR	LOCA	ATION	_	NW 1/4,	SEC. 18	, TWP. 20 N, RNG. 4 W, 3 PM						
COUNTY Logan DRILLING METHOD					HSA	HAMMER TYPE	_	140# Auto				
054-0070 Ex TRUCT. NO. 054-0507 Pr		D	В	U	M	Surface Water Elev.	507 ft		D	В	U	M
Station 254+72	_	E	L	C	0	Stream Bed Elev.	506 ft	.	E	L	C	0
		P T	O W	S	I S				P T	0 ₩	8	I S
ORING NO. 1 W. Abut	-	H	8	Qu	Т	Groundwater Elev.:	PAP P 8		H	S	Qu	Т
Station 253+47 Offset 12.0ft Lt	-		_	, ,-	_	∇ First Encounter Upon Completion	505.5 ft Washed ft	,	-	-	٦-	-
Ground Surface Elev. 529.5	- ft	(ft)	∕6 "	(taf)	(%)	▼ After Hrs.	Plugged fi		(ft)	<i>∕</i> 6"	(tsf)	(%)
'an and Light Grey Moist SILT Fill)						Light Grey V. Moist SILT LOAI						
· iii)						(commutati)		_		0		
		-				w/Fine Grained Sand Seams			+	0	0.2	28
						Winc Grance Sand Scans		-		1	B	
		\exists						506.50	-		_	
						SAND		00.00				
			1				∇			0		
			3	1.3	19	Grey Fine Grained SAND	- <u></u>	_		0		
		-6	3	S-10		Free Water			-25	0		
	524.00					Sampler Advanced by Weight of Hammer						
rey and Olive Brown Moist			_					_		_		
ILTY CLAY LOAM (FIII)			0	0.4		a .v aa	,		_	3		<u> </u>
			1 2	0.4 B	28	Grey Medium Grained SAND Woody Organic Material	w/	_		3		
		-		ь		Washed			-	0		
								-	_			
		_	0						-	2		
Grey w/Loam Seams			2	0.5	21	Washed		_	\neg	6		
		-10	2	В					-80	3		
						1						
								_				
		_	0									
Dark Grey			1 2	0.4 B	28			_	_			l
		\dashv	4	В.		-			\dashv			l
		\dashv						-	\dashv			l
	515.50	\dashv	0						\dashv	4		l
Black Moist SILTY CLAY w/	ATO:01	\dashv	2	0.7	47	Grey Fine Grained SAND		_		1		
lastropod Shells		-15	2	В		Washed			-35	3		l
	514.00					1						
Black V. Moist SILTY CLAY								_				
OAM w'Organic Material, lastropod Shells			0			1						l
			1	0.2	50			_				1
ide Com V Maint SHT TOWN	512.00	4	1	В		-			\dashv			l
ight Grey V. Moist SILT LOAM								_	_			l
		\dashv	0						\dashv	3		l
v/Loam Seams		\dashv	0	0.1	25	Grey Medium Grained SAND	w/	-	\dashv	2		<u> </u>
Domin		_	1	В		4" Silt Seam			-	5		l
		-20		<u> </u>		Ш		_	-40	-		

	Division of Highway IDOT District 6	•									Date	8/	15/06
ROUTE	IION				IL	10 over Prairie Creek L		D BY	M. Tappan				
SECTION	101 1	BR	_ LOC	CATION	_	NW 1/4,	SEC. 18	TWP. 20 N, RNG. 4 W, 3 PM					
COUNTY	Logan DRILI		LLING	LING METHOD		HSA			HAMMER TYPE		140:	140# Auto	
STRUCT. NO. Station	054	-0070 Ex -0507 Pr 54+72	_	D E	B L	U C	M O	Surface Water Elev.	507 ft	D E	B L	U C	M O
BORING NO.		V. Abut	_	P T	0 ₩	S	I S	Groundwater Elev.:	506_ ft	PT	O W	S	8
Station	26 12	53+47 .0ft Lt		H	8	Qu 4-0	T	▼ First Encounter ▼ Upon Completion	505.5 ft Washed ft	H	8	Qu 4-0	T
Ground Surface E Washed	llev	529.5	ft	(ft)	<i>1</i> 6"	(taf)	(%)	▼ After Hrs. SAND (continued)	Plugged ft	(ft)	/6°	(tsf)	(%
SAND (continued)				=									
				\dashv						\exists			
										\exists			
Grey Fine Grained SAND				7			Grey Medium Grained SAN	D w/		9 15			
Washed				45	8			1/4" Gravel Washed		65	22		
										\exists			
				=						\exists			
				$\overline{-}$						\exists			
Washed				-	3 5			Washed		\exists	38 55		
				50	6			-			45 _/8"		
				=						=			
				\exists	-					\exists			
Grey Medium Grained SAND				2			Grey Medium to Coarse Gra	nined	\exists	17 17			
Washed				55	6			Washed			27		
				\exists						\exists			
				_									
				\exists						\exists			
w/1/4" Gravel					7			 Washed			21 29		

DESIGNED D.J.T. & S.D.S.

CHECKED J.J.P. & S.D.S.

DRAWN L.M.G. & D.L.H.

CHECKED D.J.T. & S.D.S.



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. 8-99)

BORING LOGS

IL ROUTE 10 OVER PRAIRIE CREEK
F.A.P. ROUTE 717 - SECTION 101B-1

LOGAN COUNTY

STATION 254+75.91

STRUCTURE NO. 054-0507