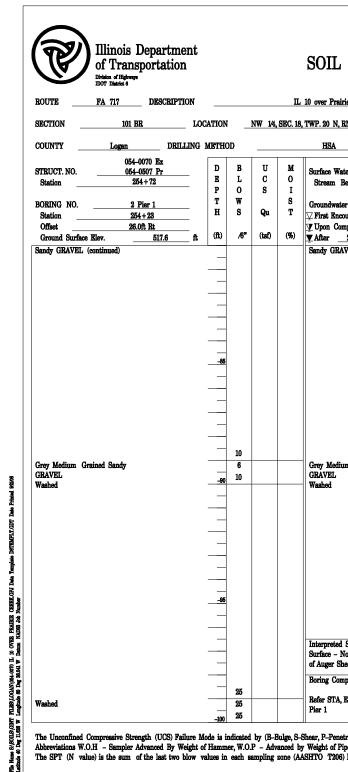
(P) **Illinois Department** Page <u>2</u> of <u>3</u> SOIL BORING LOG of Transportation Division of Highways IDOT District 6 6/20/06 Date ROUTE FA 717 DESCRIPTION IL 10 over Prairie Creek LOGGED BY M. Tappan ____ SECTION 101 BR LOCATION NW 1/4, SEC. 18, TWP. 20 N, RNG. 4 W, 3 PM DRILLING METHOD HAMMER TYPE COUNTY Logan HSA 140# Auto 054-0070 Ex D E U C U C S D B L O М М В 507 ft 506 ft STRUCT. NO. 054-0507 Pr Surface Water Elev. L 0 E 0 254 + 72Stream Bed Elev. Station P O S ī P I Т W S W S BORING NO. 2 Pier 1 Groundwater Elev.: H S Qu Т Н S Qu Т Station 254+23 ∇ First Encounter 501.1 ft Offset 26.0ft Rt Upon Completion Washed ft */*6" (tsf) (ft) */*6" (tsf) Ground Surface Elev. 517.6 ft (%) ▼After <u>24</u> Hrs. 513.6 ft (ft) (%) Grey Fine Grained SAND Interbedded with Thin Silt Seams Washed Sand Flowed 10' into Augers Sandy GRAVEL (continued) Washed (continued) 475.60 Grey Wet SILT w/Some Organic Material Washed ٥ 2 0.5 20 2 B 470.10 Sandy GRAVEL 20 6 Grey Medium Grained Sandy GRAVEL Grey Medium to Coarse Sandy GRAVEL 18 16 18 20 -70 Washed Washed 2 Grey Medium Grained Sand Flowed 7' into Augers 9 -76 CHERCE IN CONTRACT OF CONTRACT. t PRAIRCE (AD63 Job 1 54-0070 IL 36.041 W 4 19 Grey Medium to Coarse SAND w/ Some Medium Grained Gravel 17 Washed 21 20 30



The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Pen Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of H The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T200

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)

DESIGNED D.J.T. & S.D.S. HKS & C**O**. CHECKED J.J.P. & S.D.S. ENGINEERS PLANNERS LAND SURVEYORS DRAWN L.M.G. & D.L.H. MASON CITY, IOWA DUBUOUE, IOWA AMES, IOWA E. DUBUQUE, ILLINOIS SPRINGFIELD, ILLINOIS ROCHESTER, MINNES CHECKED D.J.T. & S.D.S.

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

]	ROUTE NO. SECTION		COUNT	COUNTY		SHEET NO.	SHEET NO.	20
	F.A.P. 717	101B-1	LOGA	N	49	36	23 SHEETS	-
	FED. ROAD DIST			ED. AID P	ROJECT-			
(Contract	#72,	404					
	Pa	ge _3	of 3					
L BORING LOG				-				
	Da	ute	6/20/06	-				
rairie Creek LOGGEI	DBY_	М. ?	lappan					
N, RNG. 4 W, 3 PM								
HAMMER TYPE		140# A	uto					
]				
Water Elev. 507 ft n Bed Elev. 506 ft	E	L	M U C O					
rater Elev.:		0 8 W	8 I S					
incounter501.1 ft	H	ទ ្	u T					
Completion Washed ft 24 Hrs. 513.6 ft	(ft)	/6" (t	sf) (%)					
RAVEL (continued)	_							
	108							
	<u>_106</u>							
	_							
	-	13						
dium Grained Sandy		20						
	<u>-110</u>	21	_					
	_							
	_							
	-115							
401.10 ted Shale Bedrock	<u> </u>							
- No Sample due to 27' Sheared off at Bottom								
September 2009.6	0							
A, Elevation to Existing								
	-120							
enetrometer, E-Estimated) f Pipe, B.S. – Before Seating 206) BBS, from 137 (Rev. 8-99)								
			<u>B(</u>	<u>ORI</u>	NG LC	<u> </u>		
<u>IL ROUTE 10 OVER PRAIRIE CREEK</u>								
<u>F.A.P. ROUTE 717 - SECTION 101B-1</u>								
LOGAN COUNTY								
	<u>STATION 254+75.91</u>							
STRUCTURE NO. 054-0507								