## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	cou	JNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.	21
F.A.P. 717	101B-1	L00	GAN	49	37	23 SHEETS	
FEO BOAD DIET NO 7		TI I IMOTE	FFO AID BRI	DIECT-			

Contract #72A04

Illinois Department of Transportation  Divinion of Highways 1007 District 6					SOIL BORING LOG			Page Date	8/	14/06
ROUTE FA 717 DESCRIPTION				п	10 over Prairie Creek L	OGGED	BY		М. Тарр	an
SECTION 101 BR LOCA	ATION	_	NW 1/4,	SEC. 18	, TWP. 20 N, RNG. 4 W, 3 PM					
COUNTY Logan DRILLING N	METHO!	D			HSA HAMMER TYP	E .		140;	# Auto	
7RUCT. NO. 054-0507 Pr Station 254+72	D E P	B L O	U C S	M O I	Surface Water Elev. 507 Stream Bed Elev. 506		D E P	B L O	U C S	M O I
ORING NO. 3 Pier 2 Station 255+26	T H	W S	Qu	S	Groundwater Elev.:  □ First Encounter 502.1		T H	W S	Qu	S
Offset         27.0ft Lt           Ground Surface Elev.         516.1         ft	(ft)	∕6 <b>"</b>	(taf)	(%)	▼ Upon Completion         Washed           ▼ After         72         Hrs.         515.6		(ft)	<i>/</i> 6"	(tsf)	(%)
Srown and Grey Mosit SILTY LAY LOAM					SAND (continued)					
sistrubed Sample	_	3 5	2.0 P	22	Grey Fine Grained SAND Washed		_	1 2 4		
	=						_			
erk Grey V. Moist		1 2 3	0.7 B	27	Washed		-25	1 2 5		
510.60 AND	-0									
rey Moist V. Fine Grained SAND		2 3								
	_				Grey V. Moist SILTY CLAY w/Silt	488.10				
7. Moist	-	1			Seams   Washed   Begin Washed with		_	1	0.4	37
		2			Bentonite/Water Mud  Grey V. Moist SILT LOAM w/	485.60	30	2	В	
rey V. Moist Fine Grained SAND		1			Some Organic Material					
∕2" Silt Loam Seam		3								
rey Fine Grained SAND		0			Washed			0	0	36
ree Water	15	4			Sampler Advanced by Weight of Hammer		35	0	Slump	
ledium Grained	4	0								
	7	3								
	4	1						0		
ine Grained Vashed		2 3			Washed Sampler Advanced by Weight of	476.10	-40	0	0 Slump	29

of Transportation Division of Highways DOT District 6					SOIL BORING LOG		Date	8	14/06	
ROUTE FA 717 DESCRIPTION				п	10 over Prairie Creek LOGG	ED BY		М. Тарр	an	
SECTION LO	CATION	_	NW 1/4,	SEC. 18	3, TWP. 20 N, RNG. 4 W, 3 PM					
COUNTY Logan DRILLING	METHO	)D			HSA HAMMER TYPE	140# Auto		# Auto		
STRUCT. NO.         054-0070 Ex           Station         254+72	D E P	B L O	U C S	М О І	Surface Water Elev.	D E P	B L O	U C S	1	
BORING         3 Pier 2           Station         255+26           Offset         27.0ft Lt           Ground         Surface Elev.         516.1         ft	T H (ft)	₩ S .⁄6"	Qu (taf)	S T (%)	Groundwater Elev.:	T H (ft)	₩ S .⁄6"	Qu (taf)	(9	
Hammer SAND and GRAVEL					Augers Sinking SAND and GRAVEL (continued)					
Grey Medium to Coarse Grained SAND w'Some 14" Gravel	-45	0 6 19			Grey Coarse Grained SAND Washed – 5' in augers	-65	0 20 35			
		20 14 17			Grey Medium Grained Sandy GRAVEL Washed – 8' in augers		9 30			
		0								
Grey Medium Grained SAND Washed – 4' in augers		6 19								
		0				_	25			
Grey Medium Grained SAND Washed – 3' in augers		15			Grey Medium Grained SAND Washed		17			

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.

WHKS & co.
ENGINEERS PLANNERS LAND SURVEYORS
MASON CITY, IOWA DUBUQUE, IOWA AMES, IOWA E. DUBUQUE, ILLINOIS SPRINGFIELD, ILLINOIS ROCHESTER, MINNESOTA

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