ROUTE NO.	SECTION	cou	JNTY	TOTAL SHEETS	SHEET NO.	
F.A.P. 326	129BR -3	CHAM	PAIGN			

SHEET NO. 16 17 SHEETS FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT-

Illinois Department of Transportation

**SOIL BORING LOG** 

Page <u>1</u> of <u>1</u>

	Division of Highways IDOT - Dist &					Date	8/16/04
ROUTE	FAP 326 (IL 47)	_ DESC	RIPTIO	N	11.1	Rt. 47 over the Sangamon River LOGGED BY	CNA
SECTION	(129BR-3)BR		LOCA"	TION	SE, SI	EC. 11, TWP, 22N, RNG, 7E, 3 <sup>rd</sup> PM	
COUNTY	Champaign DR	ILLING N	METHOD		Hol	low Stem Auger HAMMER TYPE Automs	tic
Station BORING NO. Station	0. 010-0281 746+54 . 1.N. Abut 747+72 9.0 ft Lt. rface Elev. 722.5		L O W s	U C s Qu (tsf)	M O 1 S T (%)	Stream Bod Elev. 703.2 ft E L C S Groundwater Elev.:  First Encounter 704.5 ft V H S C Upon Completion Wash Borned ft After Hrs. ft (ft) (/6") (ts	J M C O S I S T Sf) (%)
Pavement						Dark Gray Dirty Coarse Sand (continued) 701.5	
Black Slightly Loam (Embar	r Organic Silty Clay nkment)	720.5				Gray Sand Loam Till with Intermittent Coarse Sand Seams	
			1			7	
			2 2			14 -25 21	
		_	1				
		_	3		29		
		_	2 2	-	27	31	8
Black Slightly	Organic Silty Clay	712.5	10 4			36	-
Loam (Alluviu	um)		2 3 6		31		
Dark Gray to (Alluvium)	Green Loam	709.5	1 3	1.7	20		
		 	15 4	S		-36 22	
		_	1 1 2		22	_	
Dark Gray Di	irty Coarse Sand	704.5.▼	1 3			18 20	
			.20 3			682.5 -40 22	

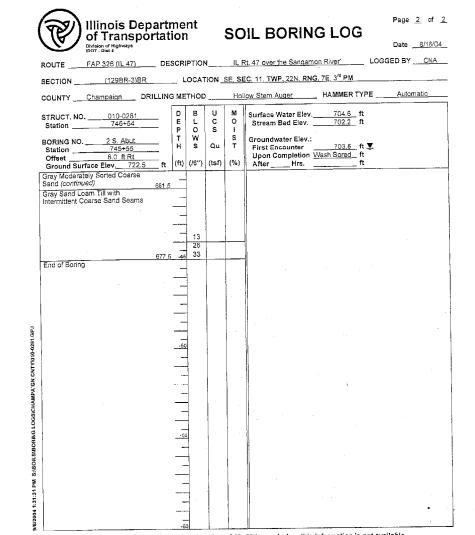
An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available. The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

STRUCT. NO. 010-0281 Station 746+54 Station 7765-54 Station 7745-55 Offset 8.0 n.Rt. Ground Surface Elev. 722.5 nt (ft) (ft) (ft) (ft) (ft) (ft) (ft) (ft	ROUTE FAP 326 (IL 47)	_ DESC	RIPTION	·	ILF	t, 47 over the Sangar	non River	_ L0	GGE	D BY	Ct	NΑ
STRUCT. NO.   010-0281     D   B   U   M   Surface Water Elev.   704.6   ft   D   B   U   C   S   T   T   W   Station   746-54   P   O   S   T   T   W   Station   745-55   H   S   Ou   T   T   W   Station   745-55   H   S   Ou   T   T   W   Station   745-55   H   S   Ou   T   T   W   Station   745-55   H   T   W   T   W   T   W   T   W   T   W   T   W   T   W   T   W   T   W   T   W   T   W   T   W	SECTION(129BR-3)BR		LOCAT	ION_S	SE, SE	C. 11, TWP. 22N, RN	G. 7E, 3 <sup>rd</sup> PM					
STRUCT. NO. 010-0281 Station 746+654 P O S I T W Station 745+55 Offset 8.0 ft.Rt.  Station 745+55 Offset 8.0 ft.Rt.  Offset 8.0 ft.Rt.  Ground Surface Elev. 722.5 ft (ft) (/6") (/5	COUNTY Champaign Di	RILLING	METHOD		Ho]]	ow Stem Auger	_ HAMMER	TYPE .		Auto	matic	_
Second Motiled Silty Clay Loam	Station         746+54           BORING NO.         2 S. Abut.           Station         745+55           Offset         8.0 ft.Rt.		E L P O T W	C s	O I S T	Stream Bed Elev.  Groundwater Elev.: First Encounter Upon Completion After Hrs.	702.2 703.5 Wash Bored	.ft _ft.¥. _ft	E P T H	L O W S	Gu G	N C
Embankment	Pavement					& Gravel (continued)		700 <u>.5</u>				
1	Brown Mottled Silty Clay Loam (Embankment)	_	2		14	& Intermittent Coarse	e Sand			10		
1			1 2	1	16		• .		-25			
1			1 2	2.3	18					10		
Companies	· ·	710.5	1 3		24				-30			
Green & Blue/Gray Silty Clay 1 Loam to Loam (Alluvium) 1 27 635.5	Organics) Black to Green Silty Clay to Clay	709.5	1 3		25					23		
	Green & Blue/Gray Silty Clay Loam to Loam (Alluvium)		1		27	Con Madarata's Sa	arted Coarso	635.8		24		

An assumed centerline elevation of 100,00 and station of 10+00 is used when this information is not available. The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)



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BBS, from 137 (Rev. 8-99)

BORING LOGS

IL. ROUTE 47
OVER SANGAMON RIVER
F.A.P. ROUTE 326 SEC. (129BR-3) BR
CHAMPAIGN COUNTY
STATION 746+65.00
STRUCTURE NO. 010-0281



REVISIONS IAME	DATE	HOTEL DIMENSION ART FORT	DRAWING	HUMBE			
		DRAWN BY:  CHECKED BY:  APPROVED BY:  ACTIVITY	SMM MEW MM SMM INITIALS	PROJECT NO: OATE:	102287 5/05	s-	16