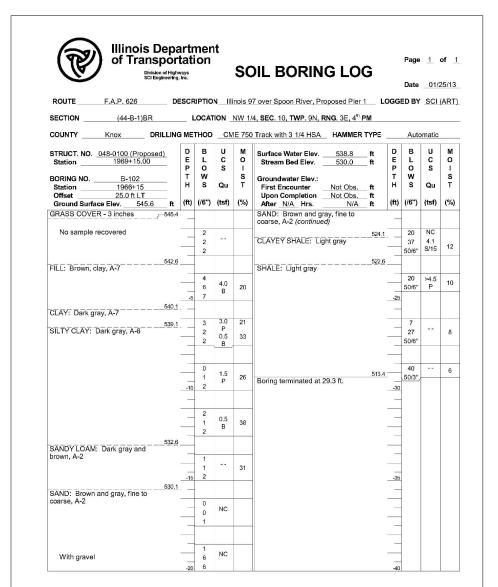
(A)	Illinois Departmen of Transportation
	SCI Engineering, Inc.

SOIL BORING LOG

SECTION	(44-B-1)BR	_ 1	LOCAT	ION _	NW 1/	4, SEC. 10, TWP. 9N, RNG. 3E, 4 th	PM				
COUNTY	Knox DRILLING	3 ME	THOD	CN	ЛЕ 750	Track with 3 1/4 HSA HAMMER	TYPE		Auto	matic	
Station BORING NO. Station	43.0 ft LT	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T	Surface Water Elev. 538.8 Stream Bed Elev. 530.0 Groundwater Elev.: First Encounter 532.8 Upon Completion Not Obs. After N/A Hrs. N/A	ft ft ft ▼ ft	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T
GRASS COVE FILL: Brown, o stone, A-7	ER - 3 inches653.6 clay, trace crushed		2 6 6	2.0 P	19	SILTY CLAY: Dark brown, A-6 (continued) SAND: Brown, fine to coarse, with gravel, A-2	532.3	¥ -	5 3 4	NC	35 14
		-5	5 6 7	2.5 P	20	SANDY LOAM: Gray, with grave A-2 SAND: Gray, fine, trace gravel,	529.3 , 528.3	-25	6 6 2	NC	14 21
	y, shaley clay, A-6 547.3 545.8 OAM: Brown, A-7-6		2 3 5	2.5 P 0.8 P	23 22	A-2 CLAYEY SHALE: Light gray	525.8	_	2 4 6	NC	
(22)			2 2 4	1.3 P	25			-30	10 16 45	3.2 S/15	15
			1 2 3	0.8 B	29	SHALE: Light gray	520.8		15 15 28	4.0 P	12
SILTY CLAY:	Dark brown, A-6		1 2 2	0.5 B	32	J. J			25 50/5"	2.5 S/20	11
			ST	0.7 S/8.7	35			_	30 50/6"	3.5 P	13
		_	1 2	0.8 B	35	Boring terminated at 39.3 ft.	514.6	_	31 50/3"		5

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)



The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted
BBS, form 137 (Rev. 8-99)



Insportation

Soll BORING LOG

Sciencingsfro. Inc.

Page 1 of 1

Date 01/24/13

										Date	01/2	4/13
ROUTE F.A.P. 62	26	DESCF	RIPTIO	N_III	inois 9	7 over Spoon River, Pr	oposed Pier	2 LC	OGGI	D BY	SCI	ART)
SECTION(44-E	B-1)BR	1	OCAT	ION _	NW 1/	4, SEC. 10, TWP. 9N, F	RNG. 3E, 4 th I	PM				
COUNTY Knox	DRILLIN	IG ME	THOD	CN	1E 750	Track with 3 1/4 HSA	HAMMER	TYPE		Auto	matic	
STRUCT. NO. <u>048-0100 (</u> Station <u>1969+</u>	Proposed) 15.00	D E P	B L O	U C S	M 0 1	Surface Water Elev. Stream Bed Elev.	538.8 530.0	_ ft _ ft	D E P	B L O	U C S	M O I
BORING NO. B-10 Station 1967 Offset 25.0 f	+30 t LT	T H	S	Qu	S T	Groundwater Elev.: First Encounter Upon Completion		_ft.▼	H	W S	Qu	S T
Ground Surface Elev.			(/6")	(tsf)	(%)	After N/A Hrs.	N/A	ft	(ft)	(/6")	(tsf)	(%)
GRASS COVER - 2 inches CLAY: Brown, with roots,		7 -				SHALEY CLAY: Gray sand, A-7 (continued)	y, trace fine		-			
		_	3 6 6	0.5 P	41				_	10 27 25	4.2 B	12
						SHALE: Light gray		523.9				
		-5	2 2 2	0.3 P	33				-25	2 17 27	>4.5 P	11
LOAM: Brown, A-6 (6)	541.	4							-			
		_	1 1	0.3 P	26				-	18 22 28	2.7 S/20	14
		_	0						_	20		
		-10	1 2	0.4 B	31				-30	38 50/3"	3.0 P	7
		_		0.3					_			
SAND: Brown and gray, fi	534. ne to	.9	0 2 8	P NC	31				_	45 50/3"	-	5
coarse, with gravel, A-2		V _				Becomes dark gra	у		_			
		_	3	NC		Boring terminated at 3	33.9 ft.	513.0		50/5"		6
		15	4						-35			
		_	2	NC					-			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

AASHTO Classifications are based on visual classifications unless otherwise noted

BBS, form 137 (Rev. 8-99)

SHALEY CLAY: Gray, trace fine sand, A-7

OATES ASSOCIATES Engineering + Architecture	

MISSOURI Ladede Gas Building 720 Olive, Suite 1660 St. Louis, MO 63101 fe/ 314.588.8381 fax 314.588.9805

USER NAME =	DESIGNED -	REVISED
	CHECKED -	REVISED
PLOT SCALE =	DRAWN -	REVISED
PLOT DATE =	CHECKED -	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS	F.A.P. RTE.	RTE. SECTION		TOTAL SHEETS	SHEE.
	626	(44-B-1)BR	KNOX	122	83
			CONTRACT	NO. 6	8759
SHEET NO. 53 OF 62 SHEETS	ILLINOIS FED. AID PROJECT				