(A)	Illinois Department of Transportation
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SOIL BORING LOG

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	SCI Engine	ooring								Date	n.v.o	9/09
ROUTE	20 (11 00)			mele.	Br	idge R	eplacement (proposed SN 0	62-0086)				
FAP 6	98 (IL 89)	DES	CR	PHO	N	over	AT&SF Railroad and Crow C	reek LC	JGG	-D BA	K	2(3
SECTION	(125VBR)BR		_ L	OCAT	LION _	Approx	k. 4.8 miles south of IL Rt 17;	NW 1/4, SEC.	26, T	WP. 2	9N, RI	VG. 1V
COUNTY Mars	hail DRIL	LING	ME	THOD	·		CME 550/HSA HA	AMMER TYPE		Auto	matic	
STRUCT. NO. <u>062-</u> Station			D E	B	C U	M	Surface Water Elev Stream Bed Elev.	ft ft	D E	B L	C	M
	-		P	O W	S	l S			P	O W	s	S
BORING NO	295±23	1	н	s	Qu	Ť	Groundwater Elev.: First Encounter	604.2 ft ▼	н	s	Qu	Ť
Offset	81 ft Rt			ĺ			Upon Completion	- ft				
Ground Surface El	ev. 612.7	ft	(ft)	(/6")	(tsf)	(%)	After Hrs	ft	(ft)	(/6")	(tsf)	(%)
SILTY CLAY LOAM: to black, trace organic (A-6)		_	_			40	SAND: Gray, fine to coarse to some clay, fine gravel, a trace coarse gravel	e, trace nd	_			
Trace to some org	anics (wood)			3	_	37	(A-1) (continued)			э. сэ	_	
		-		3	-	31				5	-	
			-	Ť								
		09.2	-									
CLAY LOAM: Grayis	h brown and			2						9		
brown, trace gravel (A-7)				3	-	21				6	-	
V7			-5	4					-25	-		
SANDY LOAM: Gray	ish brown.	07.2		l		'			_			
fine to medium, trace		-		1		-				7		
(A-2)				2	2.1	17				7	-	
Mud rotary drilling	started at 7.5			3	В				_	8		
feet and augers adva		04.7										
combination with mud drilling to 50 feet. After		2		2						8		
mud rotary drilling cor		-		2	-					6	-	
horing completion. SAND: Gray, fine to			-10	1		i			-30	7		
to some clay, fine gra	vel, and						*					
trace coarse gravel		-		2		ļ						
(A-1)			_	3	١.				_	1	Ì	
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				5	 	 			_	10	-	-
		-		5	-					10	-	
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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)



SILTY LOAM: Grayish brown and brown (A-4)

SOIL BORING LOG

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del chymae ni	•					Da	rte 04	/09/09
ROUTE FAP 698 (IL 89) DE	SCR	PTION	N	idge R over	eplacement (proposed SN 062-0086) AT&SF Railroad and Crow Creek t	.OGGED	BY	ŒĠ
SECTION (125VBR)BR	L	OCAT	rion _	Approx	4.8 miles south of IL Rt 17; NW 1/4, SEC	. 20, T W i	P. 29N, F	RNG. 1V
COUNTY Marshall DRILLIN	G ME	THOD			ME 550/HSA HAMMER TYPE		utomatic	
STRUCT. NO. 062-0031 (existing) Station	D E P T H	O W S	C S Qu	M 0 1 8 T	Surface Water Elev. ft Stream Bed Elev. ft Groundwater Elev.: First Encounter 604.2 ft \(\frac{1}{2} \) Upon Completion ft	E I	- ""	
Ground Surface Elev. 612.7 ft SAND: Gray, fine to coarse, trace	(ft)	(/6")	(tsf)	(%)	SILTY LOAM: Grayish brown and	(ft) (/t	5") (tsf	(%)
to some clay, fine gravel, and trace coarse gravel (A-1) (continued)					brown (A-4) (continued)			
		7			Весотез дгау		8	1.0
	45	10 11	-				8 4.5 0 \$/1	1
CLAY LOAM: Grayish brown, trace fine gravel (A-7)	_							

LIMESTONE No recovery

CLAYEY SHALE: Reddish brown

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)

TT	U:						
utchison Engineering, Inc.	Ρl						
Jacksonville, Peoria, &							
Shorewood, Illinois							

	USER NAME = Jdeen	DESIGNED	-	JOH	REVISED	-
3.	PLOT SCALE = NONE	CHECKED	-	BAN	REVISED	-
	PLOT DATE = 7/25/2013	DRAWN	-	TAC	REVISED	-
		CHECKED	-	JOH/BAN	REVISED	-

SOIL BORINGS		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STRUCTURE NO. 062-0086	698	125(VBR)BR	MARSHALL	148	81
			CONTRACT	NO. 6	8580
SHEET NO 56 OF 62 SHEETS		TILITAIOTE EED AT	T DDO IECT		