Illinois Departn	ent		c	OIL BORING LOG	Pag	je <u>1</u> of <u>1</u>
of Transportation Division of Highways Illinois Department of Transportat	n		3	UIL BUNING LUG	Dat	e <u>12/11/01</u>
ROUTE FAP 310 DESCRIPTION		U	S 67 a	t Little Piasa Creek LOG	GED BY _	M. Tappan
SECTION 60-16-1-1HB LO	CATION	NW 1	/4, SEC	C. 4, TWP. 6 N, RNG. 10 W, 3 PM		
COUNTY Madison DRILLING	метно	D		HSA HAMMER TYP	E 140	# Auto
STRUCT. NO. WALL	р в	u	м		П	TI
Station	E L P O	C S	0	Surface Water Elev. N/A ft Stream Bed Elev. N/A ft		
BORING NO. <u>LP-W5</u> Station 231+00	T W	Qu	S	Groundwater Elev.:		
Station 231+00	1 1	1		First Encounter No Encounter ft Upon Completion Cored ft After 24 Hrs. Plugged ft		
Brown Broken Weathered LIMESTONE w/Reddish Brown	_					
Clayey Residuum						
	\dashv					
	7					
	-5			·		
	10	╂				
	47					
Auger Refusal at 7.5' - Start Rock 487.2	. —					
Core Borehole continued with rock	7					
coring.		-				
	<u>-10</u>					
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	-20		Щ.	II		

Illinois Depa of Transporta Division of Highways Illinois Department of Trans	ation		S	OIL BORING LOG	Page <u>1</u> of	_
ROUTE FAP 310 DESCRIP	TION	U	S 67 a	at Little Piasa Creek LOGGEI	BY M. Tappan	1
SECTION	LOCATIO	N NW	1/4, SE	C. 4, TWP. 6 N, RNG. 10 W, 3 PM		_
COUNTY Medison DRIL	LING MET	нор		HSA HAMMER TYPE	140 # Auto	=
STRUCT. NO. WALL	-	B U C S W Qu (/6") (tsf)	M O I S T	Surface Water Elev. NA ft Stream Bed Elev. N/A ft Groundwater Elev.: First Encounter ft Upon Completion Cored ft ft After 24 Hrs. Plugged ft		
Auger Refusal at 3.5' – Start Rock Core Bothole continued with rock coring.						

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 T205)
BBS, from 137 (Rev. 8-99)

Illinois Depart of Transportat	ment		c	OIL BORING LOG	Page	<u>1</u> of .
OT Transportat Division of Highways Minois Department of Transpor	IUII		J	OIL DOIIIIAG FOG	Date	12/20/01
ROUTE FAP 310 DESCRIPTION	tation DN	U	S 67 a	at Little Piasa Creek LOGGED	ву м	. Tappan
				C. 4, TWP. 6 N, RNG. 10 W, 3 PM		
-						
COUNTY Madison DRILLI	NG METH			HSA HAMMER TYPE	140 #	Auto
STRUCT. NO. WALL	D E		M	Surface Water Elev. NA ft Stream Bed Elev. NA ft		
Station	PC	s	S			
BORING NO. <u>LP-W9</u> Station 233+90 Offset 55.00ft Left	H S		Ť	Groundwater Elev.: First Encounter No Encounter ft	1 1	
Offset 55.00ft Left Ground Surface Elev. 504.4	t (ft) /6	") (tsf)	(%)	Upon Completion <u>Dry</u> ft After <u>24</u> Hrs. <u>Dry</u> ft		
Reddish Brown Moist SILTY			├		\top	
CLAY Auger Refusal at 1.0' - Start Rock	3.4					
Borehole continued with rock						
coring.						
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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 1206)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation ROCK BORIN			•	_		054.04
					ate1	
ROUTE FAP 310 DESCRIPTION US 67 at Little Piasa Creek		_ LC	GGED	BY_	M. Taj	pan
SECTION 60-16-1-1HB LOCATION NW 1/4, SEC. 4, TWP. 6 N, RNG. 10 W	, 3 PN					
COUNTY Madison CORING METHOD Christensen NXB Wireline w/Wate	·		R	R	CORE	S T
STRUCT. NO. WALL CORING BARREL TYPE & SIZE NXB		_	С		т	R
Station	D E	C	0	a	M	E N
ROBING NO I P-W5 Top of Rock Elev. 487.20 ft	P	R	E	D	E	G T
Station 231+00 Begin Core Elev. 487.20 Tt	H	Е	R	•		н
Offset 60.00ft Left Ground Surface Elev. 494.7 ft	(ft)	(#)	{%}	(%)	(min/ft)	(tsf)
ight Grey V. Broken Well Indurated Crystalline LIMESTONE 487.	20	1	92	50		
	-					
ight Grey Well Indurated Crystalline LIMESTONE	20					
light Grey Well Indurated Crystalline LIMESTONE	-10					
	-					
Spring Completed 482.	40	-	_	_		
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Illinois Department of Transportation ROCK BORI	NG	L0	G		age <u>1</u>	
Division of Highways Illiaois Department of Transportation				D	ate1	2/20/01
ROUTE FAP 310 DESCRIPTION US 67 at Little Plasa Creek		_ LC	GGEE	BY	M. Ta	ppan
SECTION 60-16-1-1HB LOCATION NW 14, SEC. 4, TWP. 6 N, RNG. 10	W, 3 PM	_				
COUNTY Madison CORING METHOD Christensen NXB Wireline w/Wat	or		R	R	CORE	S
STRUCT. NO. WALL CORING BARREL TYPE & SIZE NXB	_[_D	c	C	a	Ţ	R
Station Core Diameterin	E P	O R	V	, D	M E	N G
Station LP-W7 Top of Rock Elev. 495.40 ft Station 232+50 Begin Core Elev. 495.40 ft	Т	Ë	Ř	.	-	Ť
Offset 65.00ft Left Ground Surface Elev. 498.9 ft	H (ft)	(#)	(%)	(%)	(min/ft)	
Light Grey Crystalline LIMESTONE w/Thinly Bedded Calcareous SHALE Seams 49	5.40	1	92	77		
Brown Poorly Indurated Argilliceous LIMESTONE	1.50 -5					
49 Brownish Grey Moderately Indurated Crystalline LIMESTONE	1.70					
).60					
Boring Completed						
	-10					
	_	1				
		1				
	_					
		-				
		1				
	-15					
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	-20					
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(P) of Tran	Department sportation	ROCK	BORING	3	L0	G		age <u>1</u>	
Division of High Himois Departm	hways nent of Transportation						D	ate <u>1</u>	2/20/01
ROUTE FAP 310	DESCRIPTION	US 67 at Little Plas	a Creek		_ LC	GGED	BY	M. Ta	pan
SECTION60-16-1-11	B LOCATION NV	V 1/4, SEC. 4, TWP. 6	N, RNG. 10 W,	PM	L				
COUNTY Madison	CORING METHOD	Christensen NXB Wire	line w/Water			R E	R	CORE	S
STRUCT NO WAL	L CORING BAR	REL TYPE & SIZE	NXB	Б	С	c	i	7	R
Station .	Core Diame		in	E	0	ν		M	N
BORING NO. LP-W	Town of Door	Elev. 503.40	ft #	P T	R	E R	D	E	G T
Station	30 Begin Core Left	E18V		н		Υ			Н
Ground Surface Elev Light Grey V. Broken Well		STONE	503.40	(ft)	(#)	(%) 81	60	(min/ft)	(tsf)
Light Grey V. Broken Well	muurated Crystaliine Liivit	, o i orte				٠,	-		
Light Grey Well Indurated	Crystalline LIMESTONE		502.00						
				_					
				5					1
Boring Completed			498.60						
Joining Completion				_					
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	ROUTE	SECTION	COUNTY	TOTAL SMEETS	SHEET NO			
t No. 8 Sheets	310	60-16-1. 42-1	MADISON	481	184			
	STA. TO STA.							
	EXISTING CONDITIONS:							

*INDICATES ELEVATION CHANGE BY HLC TO MATCH EXISTING CONTOURS. ORIGINAL BORING LOCATIONS WERE CHANGED IN THE HELD AND ELEVATIONS APPEARED INCORRECT.

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

FAP ROUTE 310 SECTION 60-16-1, 42-1 MADISON COUNTY