of Transportation Division of Highways District Nine Materials		SOIL BORING LOG Date 61520								
	l over Reese Creek LOGGED BY Bryan Keller									
SECTION (1,3)RS-1; 2B-2 LOG										
COUNTY Perry DRILLING					HAMMER T	VPE				
					T PANNICK 1	11.2				
STRUCT. NO. 073-0013 Station 191+00	D	B	U	M	Surface Water Elev. 381.0		D	B	U	M
	P	0	s	1	Stream Bed Elev1	١ ١	Р	0	S	1
BORING NO. 1-S Station 190+08 Offset 12.00ft Rt	Т	W	Qu	S	Groundwater Elev.:	.	T H	w	Qu	S
Offset 12.00ft Rt	l			Ι'	First Encounter 384.0 1 Upon Completion	t l	,,,	ľ	Qu.	ľ
Ground Surface Elev. 398.5 ft	(ft)	(/6")	(tsf)	(%)	After Hrs1	t	(ft)	(/8")	(tsf)	(%
Crushed Aggregate					Medium, very moist, brown, Silty Clay A7-6 (continued)			2 2	8.0	25
Very stiff, moist, brown, Silty Clay					Clay A7-6 (continued)			2	В	-
loam A-6		1		1		376.5				
		1			Very stiff, moist, brown, Clay to			1		
		3 5	3.4 S	21	Silty Clay A7-6			4 5	2.3 B	22
	-	"	1 3				-		- 0	-
394.0		1		١		374.0				
Medium, very moist, brown, Silty	5	1			Medium, very moist, brown		-25	1		
Clay Loam A-6		2 2	0.9 B	25	mottled grey, Clay to Silty Clay A7-6			2	0.9 S	25
			-		8	-	-	-	3	\vdash
391.5		1				371.5				
Medium, very moist, grey, Silty Clay to Silty Clay Loam A-6 with	-	1	0.9	23	Very soft, very moist, brown, Silty Clay A-6		_	WH 1	0.2	25
some Cinders		3	U.9	23	Giay A-G			2	0.2 B	25
	-			†			_			
		<u> </u>				369.0				
	10	WH 1	0.7	23	Stiff, moist, brown, Silty Clay Loam A-6	-	-30	1	1.3	17
		2	B	2.0			-	3	В	"
						-				
		WH			Medium, moist, brown, Silty Clay	366.5	_	1		<u> </u>
		1	0.6	25	Loam A-6 with some Sand and			4	0.7	17
	_	3	s	-	Gravel	-		6	s	
					N .		_			
Medium, very moist, grey, Silty	-	WH	ļ	├	Stiff, moist, grey, Silty Clay A-6	364.0		2		-
Clay A7-6	-15	6	0.8	30	with some Pea gravel		-35	5	1.6	17
		8	В				_	5	В	
		1			1					
Stiff, very moist, grey mottled		1	 		Very stiff, moist, grey, Sift Loam	361.5		3		\vdash
brown, Silty Clay A7–6		3	1.1	22	A-4		-	20	2.1	20
		2	В	L		-		29	В	
		1								
379.0		WH	 	├	1		40	5		├
	20	1			Ш		-40			Ь

Illinois Department of Transportation Division of Highways Broute II. 14 DESCRIPTION				S	OIL BORING LOG		Page	2	of
				_		Date	6/15	200	
				IL 14	over Reese Creek LOGG	ED BY	Br	yan K	elle
SECTION (1,3)RS-1; 2B-2 LOG	ATIO	ON	3.7 M	E of	US 51				
COUNTY Perry DRILLING	ME	THOD			HAMMER TYPE				
STRUCT. NO. 073-0013 Station 191+00	D E	B	U	M O	Surface Water Elev. 381,0 ft Stream Bed Elev. ft	D E	В	οc	N C
	P T	O W	s	S		P	O W	s	S
BORING NO. 1-S Station 190+08 Offset 12.00ft Rt	н	s	Qu	Ť	Groundwater Elev.: First Encounter384.0ft	н	S	On	T
Offset 12.00ft Rt Ground Surface Elev. 398.5 ft	(ft)	(6")	(tsf)	(%)	Upon Completion ft After Hrs. ft	(ft)	(/6")	(tsf)	(%
Very stiff, moist, grey, Sift Loam A-4 (continued)		24 29	2,3 B	20	Very stiff, moist, grey, Clay Loam to Silty Clay Loam A-6 (continued)	_	8 7	2.3 B	22
	-					_			
•									
	-					-			
354.0 Hard, moist, grey, Clay A7–6	-45	1			Very loose, wet, grey, very fine	0 -65	WR	-	-
		6	4.1	22	Silty Sand 90% Sand		WR WR		24
		9	В		5% Silt 5% Clay		WH		-
					579 Gilly				
	-								
					329.	0			
	-50	10	4.9	19	Loose to medium, wet, grey, very fine Silty Sand	_70	WH 3		_
		17	S		90% Sand 5% Silt		7		L
	-				5% Clay	-			
·									
	-								
,									
	-55	3			323	5 -75			
•	- 30	7	4.1	23	Dense, wet, grey, very fine Silty Sand	<u>- 10</u>	2		
	-	10	S		90% Sand	_	15 18		
	_				5% Silt 5% Clay				\vdash
	-					-			
200 0	-				319.	_			
339,0	-60	2			319.	<u></u> -80	1		

Illinois Depar of Transporta Division of Highways District Nine Materials	tion			S	OIL BORING LO	G	Date
	ON			iL 14	over Reese Creek	LOGGET	D BY Bryan
SECTION (1,3)RS-1; 2B-2	LOCATION	ON	3.7 M	E of	US 51		
COUNTY Perry DRILLI						TYPE .	
STRUCT. NO. 073-0013	D	В	U	М	Surface Water Elev. 381.0		ПТ
Station 191+00	E	L	С	0	Stream Bed Elev.	_ft	
	P	O W	s	S	Groundwater Elev.:		
BORING NO. 1-S Station 190+08	н	s	Qu	Ŧ	First Encounter 384.0	ft	
Station 190 + 08 Offset 12,00ft Rt	ft (ft)	(/6")	(tsf)	(%)	Upon Completion	_ft	
Ground Surface Elev. 398.5 Stiff, very moist, grey, Clay Loam	ft (ft)	5	1.3	24	After Hrs	_ft	\vdash
A-6 (continued)		5	B	24			
31	5.5						
Hard, dry, grey, Clay Shale							
	85	100/9"					
31	3.0						
Bottom of hole: 85.5 ft.		ļ	L	ļ			
Free water observed at 14.5 ft.							
Elevation referenced to Center of		1					
Existing Structure; Elevation = 398.5 ft. Sta. 191+00.				1			

To convert "N" values to "N60" values, multiply by 1.25.							
,,,	-90						
	_						
		1					
	_						
	_96	1					
	30						
	******		1				
				1			
				l			
				1			
	-100				II		

DESIGNED -	EXAMINED	DATE - 5/10/2011		SOIL BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.
CHECKED -	ENGINEER OF BRIDGE DESIGN		STATE OF ILLINOIS	STRUCTURE NO. 073-0036	869	1B-2	PERRY	299	126
DRAWN -	PASSED		DEPARTMENT OF TRANSPORTATION	SINUCIONE NO. 0/3-0030			CONTRACT	NO. 91	3797
CHECKED -	ENGINEER OF BRIDGES AND STRUCTURES			SHEET NO. 22 OF 24 SHEETS		ILLINOIS FED. A	D PROJECT		