of Transportation Division of Highways District Nine Materials	Pan			u	OIL BORING LOG		Date	5/6	200	
				IL 14	over Reese Creek LOG	GED B	D BY Bryan Keller			
SECTION (1,3)RS-1; 2B-2 LO	CATIO	ON	3.7 M	IE of	US 51					
COUNTY Perry DRILLING						E				
COONTY FORY DRILLING					HAMMER TYF				_	
STRUCT. NO. 073-0013 Station 191+00	D	B	U	M	Surface Water Elev. 383.2 ft Stream Bed Elev. ft	D	B	U	M O	
	P	o W	s	l S		P	o W	s	I S	
BORING NO. 2-S Station 190+80	н	s	Qu	T	Groundwater Elev.: First Encounter 383.2 ft	H	S	Qu	T	
Offset 11.00ft Rt					Upon Completionft					
Ground Surface Elev. 398.5 ft	(ft)	(6")	(tsf)	(%)	After Hrs. ft	(ft)	(/6")	(tsf)	(%	
Core Deck 397.5			1		Suspend Augers (continued)	-				
Suspend Augers			l							
	~~				37	5.5				
			1		Begin Augering					
		l		Ì						
	 -5	1		l		-25	1			
		1	1		Stiff, very moist, grey mottled brown, Clay to Silty Clay A7-6		1	1.1	30	
					Brown, Clay to Silty Clay A7-6		2	В	-	
	****				37	1.5				
			-		Very stiff, very moist, grey mottled brown, Clav A7-6		WR			
		ł	l		blown, clay Ar-o	_	3	2.1 S	25	
			l	l	Stiff, very moist, grey mottled	9.0	WH	<u> </u>	ļ	
	10		l		brown, Clay to Silty Clay A7-6	_30	3	1.2	25	
	_	İ					4	В		
	_			ļ	Very stiff, very moist, grey mottled	5.5	1	 	\vdash	
		1			brown, Silty Clay A7-6		2	2.1	25	
						****	3	В		
		1			36	4.0			1	
	-15			i	Medium, very moist, grey mottled brown, Silty Clay A7-6	-35	WH			
		1			DIOWII, OHLY Clay A/~0		1 WH	0.7 B	29	
		l	l			_	<u> </u>	۱Ť	-	
		1			36	1.5	L		L_	
	_				Very stiff, very moist, brown, Silty Clay A-6 with some Pea Gravel		1 4	2.2	19	
		1				_	8	B	"	
	-20		l		35	9.0	2	├		
L	-20	Ь	Ь	Ь	11	-40		L	Ь	

Illinois Departn of Transportatio	n			S	OIL BORING LOG		Date	56	y200
				IL 14	over Reese Creek LOGGE	D B'			
SECTION (1,3)RS-1; 2B-2 LO									
COUNTY Perry DRILLING					HAMMER TYPE				
STRUCT. NO. 073-0013	D E	B L	U	M	Surface Water Elev. 383.2 ft	D E	B	U	N
Station 191+00	P	О	s	1	Stream Bed Elevft	P	0	s	1
BORING NO. 2–S Station 190 + 80 Offset 11.00ft Rt	Н	W S	Qu	S T	Groundwater Elev.: First Encounter 383.2 ft	H	w s	Qu	7
Ground Surface Elev. 398.5 ft	(ft)	(/6")	(tsf)	(%)	Upon Completionft After Hrsft	(ft)	(6")	(tsf)	(%
Very stiff, moist, grey, Silty Clay Loam A-6 (continued)	_	5 11	2.9 B	14	Very stiff, very moist, grey, Silty Clay Loam A-6 (continued)		6 7	3.2 B	18
050 5	_					_			
356.5 Stiff, moist, grey, Silt Loam A-4		4							
		18 28	1.9 B	15					
			-						
354.0 Very stiff, moist, grey, Silt Loam A-4		4	<u> </u>		Very loose, wet, grey, very fine,	ee.	WR		-
	-45	24	3.5	19	SiltySand with some gravel	SitySand with some gravei	WR		2:
		30	S		74% Sand		1		-
351.5	-				6% Silt 5% Clay				
Stiff, moist, grey, Silt Loam A-4		16	1.4	20	15% Gravel				
		10	s		Washed 10' blow in.				
349.0						_			
Hard, moist, brown, Clay to Silty	-50	2				_ 7 0	5		
Clay A7–6		8 15	6.1 S	20		-	4 5		
			Ť				-		\vdash
		4				_			
	_	15	6.2	15		_			
		22	S	ļ		-			
					324.0				
	-55	3 12	5.1	22	Medium, wet, very fine Silty Sand with some gravel	_75	7		-
	_	15	S		74% Sand	_	10		_
	-				6% Silt 5% Clay	-			
		2			15% Gravel	_			
	-	8 12	5.0 B	18					
			-	<u> </u>					
339.0	-60	1		<u> </u>	319.0	-80	7	_	<u> </u>

of Transportat	4000			U	OIL BORING LOG
	ON			IL 14	over Reese Creek LOGGED BY Bryan Kel
SECTION (1,3)RS-1; 2B-2	OCATI	ON _	3.7 M	IE of	US 51
COUNTY Perry DRILLII	NG ME	THOD			HAMMER TYPE
STRUCT. NO. 073-0013	D E	B	U	М	Surface Water Elev. 383.2 ft
Station 191+00	P	0	s	1	Stream Bed Elevft
BORING NO. 2-S	TH	W	Qu	S	Groundwater Elev.:
Station 190 + 80 Offset 11.00ft Rt	1		Qu.	l '	First Encounter 383.2 ft Upon Completion ft
Ground Surface Elev. 398.5	t (ft)	(6")	(tsf)	(%)	After ft
Medium, wet, grey, Sandy Gravel with Silt Loam Layers		5 6		16	
53% Sand 16% Silt					
5% Clay					
26% Gravel					
Washed 5' blow in. (continued)					
316	1.0			l	
Hard, dry, grey, Clay Shale	-85	100/9"			
		1		1	
	-90	100/3"			
				-	
	_	1			
	_				
304	3.0				
Hard, dry, black Coal 303 Bottom of hole = 95.0 ft.	3.5 –95	100/3"		ļ	
	-			ŀ	
Free water observed at surface water Elevation = 383.2 ft.					
Elevation referenced to Cr @ Sta. 191+00 Elevation = 398.5 ft.					
To convert "N" values to "N60" values, multiply by 1.25.	_				
	-100				

F.A.P. RTE. 869 DESIGNED -EXAMINED DATE - 5/10/2011 SECTION SOIL BORING LOGS STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION CHECKED -ENGINEER OF BRIDGE DESIGN 1B-2 STRUCTURE NO. 073-0036 DRAWN -PASSED SHEET NO. 23 OF 24 SHEETS CHECKED -ENGINEER OF BRIDGES AND STRUCTURES