Illinois Department of Transportation Division of Highways District Mis Materials				Page 1 of 2 SOIL BORING LOG						
SECTION (1,3) RS-1; 2B-2	Loc	ATIC	ON _	Perry	Co Lir	ne, SEC. 23, TWP. 6S, RNG. 1W, 3 PM				
COUNTY Franklin DRIL	Ling	ME	THOD			HAMMER TYPE	:			
STRUCT. NO. 028-0015 Station 229+22		D E	B	U	M	Surface Water Elev. 382.8 ft Stream Bed Elev. ft	D E	B	U	M
		P	o W	S	S		P	O W	s	l S
BORING NO. 1–S Station 229+56 Offset 35.00ft Rt	-	н	S	Qu	Ť	Groundwater Elev.: First Encounter 372.9 ft Upon Completion ft	н	s	Qu	Ť
Ground Surface Elev. 387,4	ft	(ft)	(6")	(tef)	(%)	After Hrs. ft	(ft)	(/6")	(tsf)	(%)
Medium, very moist, brown, Silty Clay A-6		\exists				Soft to medium, very moist, grey Clay to Silty Clay A7-6 (continued)	_	WH	0.5 B	24
		-				365	4	-		
	-		WH	0.9	25	Medium, very moist, grey, Clay to Silty Clay A7-6		WH 1	0.6	21
	-		2	0.9 B	25	Sitty Glay A7-5	_	3	0.6 B	21
		二	_					Ť		
		-	WH			Medium, wet, grey, fine, Silty	.9 25	1	-	-
	-	-9	1	0.9	31	Sand with Silty Clay Layers and	-20	9	-	17
	-	二	1	В		Gravel 71% Sand; 15% Silt;		4		<u> </u>
	380.4	\dashv				5% Clay; 9% Gravel 360	4	-		
Soft, very moist to wet, grey, Silty	300.4	\exists	WН			Very stiff, very moist, grey, Clay		2		
Clay to Silty Clay Loam A-6	_	_	WH	0.3	38	Loam A-6 with some Gravel		5	2.4 B	13
		+	WH	В	-			9	В	
	377.9	コ					_	1		
Stiff, very moist, grey, Silty Clay Loam A-6 with Rotten Vegetation	-	-10	WH	1,1	39		_30	3	2.5	14
		\dashv	WH	B	39		-	111	2.5 B	144
	•	寸								
Very soft, very moist, grey, Silty	375.4		1			355 Hard, damp, grey, Clay Loam A-6	4	8		
Clay Loam A-6 with Coal, Sand		+	2	0.2	40	Transporting grey, only Louis A-0		15	6.6	12
and Rotten Wood Layers	-	\exists	1	В				24	S	
	372.9							1		
Stiff, very moist, grey, Clay A7-6	-	-15	WH 2	10	26		-35	7 20	6.8	10
			3	1.6 B	20		_	26	6.8 B	ľ
:	370.4	-				350	4 -	1		
Soft, very moist, grey, Clay Silty			WH			Hard, moist to damp, brown, Silty	_	8		
Clay A7-6	-	\dashv	1	0.4 B	27	Clay A7-6 with Silt Loam Layers		11	5.4 B	17
		-	3	P -	-		-	18	P.	-
	367.9					347	9	1		
		-20	WH		L		-40	4		L

Illinois Department of Transportation Of Transportation Obtaine the Materials				SOIL BORING LOG Page 2 of Date 9/04						
	PTION		Rout	e 14 d	over Little Muddy River LOGGI	ED BY	Bryan	Keile		
SECTION (1,3) RS-1; 2B-2	LOCATION	ON	Perry	Co Li	ne, SEC. 23, TWP. 6S, RNG. 1W, 3 PM					
COUNTY Franklin DR	ILLING ME	THOD			HAMMER TYPE					
STRUCT. NO. 028-0015 Station 229+22	_ D	B	U	M	Surface Water Elev. 382.8 ft Stream Bed Elev. ft	D E	B U	N		
	- P	O W	s	S			o s	١.		
BORING NO. 1-S Station 229+56	_ H	s	Qu	T	Groundwater Elev.: First Encounter372.9_ ft		S Qu			
Station 229+56 Offset 35.00ft Rt Ground Surface Elev. 387.4	_ , _(ft)	(6")	(tsf)	(%)	Upon Completionft After Hrsft	(ft) (/6") (tsf) (9		
Hard, moist, brown, Silty Clay	- " 1"	9	4.5	19	Cored from 57.5 ft to 62.5 ft		+	+		
A7-6 (continued)		14	s		Hard, dry, grey, Clay shale 97% Recovery					
					75% RQD (continued)	-				
					324.9 Cored from 62.5 ft to 67.5 ft.	2				
					If Hard, dry, Clay Shale					
			ļ		97% Recovery 59% RQD					
Stiff, moist, grey, Slit loam A-4	342.9 45	10			1	-65				
with Sand Lenses		30	1.9	12						
	_	32	S			-				
					Bottom of hole = 67.5 ft.	2 -				
					Free water observed at 14.5 ft.					
	337.9				Elevation referenced to Center of	\dashv				
Very stiff, moist, grey, Silt Loam	-50				Existing Structure; Crown	-70				
A-4		12 15	2.7 S	16	Elevation = 398.5 ft.	-				
					To convert "N" values to "N60" values, multiply by 1.25.					
						4				
	332.9				4	\exists				
Medium to stiff, very moist, grey, Clay loam A-4 with Sand layers	~55	17	1.0	26		-75				
•		31	s	L	1					
	330.4					\dashv		1		
Hard, dry, grey, Clay Shale	329.9	100/2"			1	\exists				
Cored from 57.5 ft to 62.5 ft Hard, dry, grey, Clay shale			_			\dashv				
97% Recovery 75% ROD		 	 	<u> </u>	1					
1070 11CH	60					-80				

*PERRY/FRANKLIN

DESIGNED - CHECKED - DRAWN -	EXAMINED	DATE - 5/10/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS STRUCTURE NO. 073–0038	F.A.P. RTE. 869	SECTION 6B-2	COUNTY *	TOTAL S SHEETS 249 (IEET 10. 33
CHECKED -	ENGINEER OF BRIDGES AND STRUCTURES	-		SHEET NO. 23 OF 26 SHEETS		ILLINOIS FED. A	ID PROJECT		