Division of Highways District Nine Materials			SOIL BORING LOG Date 91404 Route 14 over Little Muddy River LOGGED BY Byzn Keller							
COUNTY Franklin DRILL						HAMMER TYP	E			
STRUCT, NO. 028-0015	Γ	D	В	U	м	Surface Water Elev. 379.8 ft	D	В	U	м
Station 229+22		E	L	C S	0	Stream Bed Elevft	E	L O	C S	0
PODING NO 2 6		7	w	,	s	Groundwater Elev.:	15	w	9	s
BORING NO. 3-S Station 228+89 Offset 38.00ft Lt		н	s	Qu	Ť	First Encounter 372.2 ft	Н	S	Qu	T
Offset 36.00ft Lt			(mm	(tsf)	(%)	Upon Completion 368.7 ft After 24 Hrs. 379.4 ft	(ft)	(6")	(tsf)	1%
Ground Surface Elev. 386.7	ft	(11)	(6")	(tsi)	(%)		(tr)			L.
Stiff, moist to very moist, brown, Silty Clay A-6		\exists				Medium, very moist, grey, Clay A7-6 (continued)	_	2 2	0.7 B	25
		-				364	17 -			
	-		1	-	-	Soft, very moist to wet, grey, Silty	t./	WH		-
	_		2	1.2	24	Clay to Clay A7–6 with Sand Layers		1	0.4	24
		+	2	В	_	Layers	-	2	В	-
	82.2					36	2.2			
Medium, very maist, brown, Silty Clay A-6	_	-5	WH 2	0.9	29	Stiff, very moist, grey, Clay A7-6	_25	WH 2	16	34
City A-0		-	1	S	29			3	1.1 B	34
	-						_			
Soft, very moist, grey, Silty Clay	79.7	-	WH			Medium, very moist, grey, Clay	9.7	WH		-
A-6		\dashv	1	0.4	31	A7-6	-	1	0.9	32
	_		1	В	<u> </u>			1	В	
	-	-								
		-10	WH				~30			
			WH	0.4	39			WH	0.9	18
	-	\dashv	WH	В				WH	В	
	74.7					35	1.7			
Stiff, very moist, grey, Clay A7-6		4	WH 2	1.1	27	Medium, very moist, grey, Clay to Silty Clay A7-6		WH	0.7	19
	-	-	1	1.1 B	21			WH	0.7 B	19
	_	\exists		Ť						
	72.2			ļ	ļ		2.2	2		_
Medium, very moist, grey, Clay A7-6	-	-15	1 2	0.7	30	Very stiff, moist, grey, Silty Clay Loam A-6	35	7	3.5	17
		J	1	s	L			14	S	L.
_		7								
Stiff, very moist, grey, Clay to Silty Clay A7-6	69.7		1	 	 	Hard, damp, grey, Clay Loam A-6	9./	8	-	-
			2	1.2	25			18	4.6	11
			2	s	L_			34	В	L
2	67.2	-				24	7 2	1		
3	01.2	20	1	 	 	Hard, moist, brown, Clay A7-6	7.2 -40	5	-	\vdash

of Transport Division of Highways District Mine Materials	auon			_	OIL BORING LOG	Date	9/14/
ROUTE ILL 14 DESCRIF	TION		Rout	e 14 c	ver Little Muddy River LOGGE	D BY Br	yan Kell
SECTION (1,3) RS-1; 2B-2	LOCATI	ON _	Perry	Co Lir	ne, SEC. 23, TWP. 6S, RNG. 1W, 3 PM		
COUNTY Franklin DRI	LLING ME	THOD			HAMMER TYPE		
STRUCT. NO. 028-0015 Station 229+22 BORING NO. 3-S Station 228+89	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. 379.8 ft Stream Bed Elev. ft Groundwater Elev.: First Encounter 372.2 ft	D B L P O T W H S	U C S
Offset 36.00ft Lt Ground Surface Elev. 386.7	- ft (ft)	(6")	(tsf)	(%)	Upon Completion 368.7 ft After 24 Hrs. 379.4 ft	(ft) (/6")	(tsf) (
Hard, moist, brown, Clay A7-6 (continued)		11 19	5.5 S	20	Very stiff, moist, grey, Clay Loam A-6 (continued)	12 16	2.4 B
					324.2 Hard, dry, grey, Clay Shale		
Hard, damp to moist, brown, Clay	342.2	5			321.7	-65 100/2"	\vdash
A7-6 with Sand Layers	79	19 32	6.8 B	15	Bottom of hole = 65.0 ft		
	accessore.	32	В		Free water observed at 14.5 ft. Elevation referenced to Center of	+	
						3	
	337.2				To convert "N" values to "N60" values, multiply by 1.25.		
Medium, wet, grey, very fine Silty	-50					_70	
Sand 76% Sand	-	6		23		-	
19% Silt 5% Clay	-					\exists	
	_	1				\dashv	
		1					
	_	1				-	
	332.2					_	
Stiff, very moist, grey, Clay A7-6 with Sand Layers	-58	1 4	1.2	21		75	
uana bayora	-	4	1.2 B	21		-	
						7	
		1					
	-	1	1	l		-	
		1				\exists	
	207.2	1		1			
	327.2 -60	3				en en	

*PERRY/FRANKLIN

DESIGNED -	EXAMINED DATE ~ 5/10/2011		SOIL BORING LOGS	F.A.P. SECTION	COUNTY TOTAL SHEET SHEETS NO.
CHECKED -	ENGINEER OF BRIDGE DESIGN	STATE OF ILLINOIS	STRUCTURE NO. 073-0038	869 6B-2	* 299 155
DRAWN ~	PASSED	DEPARTMENT OF TRANSPORTATION			CONTRACT NO. 98797
CHECKED -	ENGINEER OF BRIDGES AND STRUCTURES		SHEET NO. 25 OF 26 SHEETS		ID PROJECT