Illinois Department of Transportation Division of Highways District Mind Internation			SOIL BORING LOG Page 1 of 3 Date 91504							
	ON Route 14			e 14 c	over Little Muddy River LOGGE	D B	Y Bryan Keller			
SECTION (1,3) RS-1; 2B-2 LOC	CATIO	ON	Perry	Co Lir	ne, SEC. 23, TWP. 6S, RNG. 1W, 3 PM					
COUNTY Franklin DRILLING	ME	THOD			HAMMER TYPE					
	DE	B L O	U C S	M O	Surface Water Elev. 379.8 ft Stream Bed Elev. ft	D E P	B L O	U C S	M O	
BORING NO. 4–S Station 229+97	Ť H	W S	Qu	S	Groundwater Elev.: First Encounter 367.6 ft	T H	W	Qu	S T	
Offset 45.00ft Rt Ground Surface Elev. 389.6 ft	(ft)	(6")	(tsf)	(%)	Upon Completionft After Hrsft	(ft)	(6")	(tsf)	(%)	
Medium, moist, brown, Silty Clay Loam A-6	_				Stiff, moist to very moist, brown mottled grey, Clay to Silty Clay A7-6 (continued)	_	3	1.3 B	26	
		2	_	_	367.6 Medium, very moist, grey mottled		WH			
		2	0.9 S	23	brown, Clay to Silty Clay A7–6	_	2	0.6 B	26	
385.1					365.10	_				
Soft, very moist, brown mottled grey, Silty Clay Loam A-6	5	WH	0.3	30	Soft to medium, very moist, grey mottled brown, Clay to Silty Clay	-25	3	0.5	21	
	_	1	В		A7-6 with Sand Seams	_	2	S	-	
382.6 Medium, very moist, brown	-	1	_	_	362.6 Stiff, very moist, grey, Silty Clay		WH		-	
mottled grey, Silty Clay Loam A-6		1	0.7 S	26	A7-6	_	2 2	1.3 S	18	
					360.1	-				
	10	WH 2	0.7	27		-30	2	2.6	15	
		2	B.,	-		_	6	В		
Soft, very moist, grey mottled		WH	<u> </u>		357.6 Very stiff, damp, grey, Silty Clay		5		-	
brown, Silty Clay A-6		WH WH	0.3 B	30	Loam A-6	_	21 36	2.8 S	10	
375.1	_				355.1					
Medium to stiff, very moist, brown mottled grey, Clay A7-6	-15	1 2	1.0	38	Silty Clay loam A-6 with some Pea	-35	8	5.8	15	
·	_	3	S	-	Gravel	_	27	S	<u> </u>	
Stiff, moist to very moist, brown		2			352.6 Hard, moist, brown, Clay A7–6		4		_	
mottled grey, Clay to Silty Clay A7-6	_	4	1.2	26			10	5.8	22	
A7-0		4	В			_	28	S	\vdash	
	-20	1	_			-40	4		-	

Illinois Depa of Transport				S	OIL BORING LOG	Page Date	e <u>2</u>	15/0
Division of Highwaye District Nine Materials								
ROUTE ILL 14 DESCRI	PTION _		Rou	te 14 d	over Little Muddy River LOGO	SED BYE	Bryan K	elle
SECTION (1,3) RS-1; 2B-2	LOCA	TION _	Perry	Co Li	ne, SEC. 23, TWP. 6S, RNG. 1W, 3 PM			_
COUNTY Franklin DRI	LLING N	ETHOL			HAMMER TYPE	=		
STRUCT. NO. 028-0015	D		U	M	Surface Water Elev379.8 ft	D B	U	
Station 229+22	- E		S	0	Stream Bed Elevft	E L	S	١ '
BORING NO. 4-S	Ϊ́τ		1	s	Groundwater Elev.:	T W		1
Station 229+97	[н	s	Qu	Т	First Encounter 367.6 ft	H S	Qu	1
Offset 45.00ft Rt Ground Surface Elev. 389.6	- ft (fi	160	(tsf)	(%)	Upon Completionft After Hrs. ft	(ft) (/6")	(tsf)	l c
Hard, moist, brown, Clay A7-6	=""	11	6.8	14	Free water observed at 22.0 ft.	100/107	1 (30)	+
(continued)		19	S	"		+	+	\vdash
			1		Elevation referenced to Center of Existing Structure; Crown			
		4	1		Elevation = 398.5 ft.	_		
	-	-			To convert "N" values to "N60"	\dashv	1	
		1	1		values, multiply by 1.25.			
		4	1			_		
	4	ь 3	+	-		65		
	4	22	4.6	13		-05		
		30	S					
		-				\dashv	İ	
		\dashv	1					
	_	j						
		4	1			-		
	340.1	┨	1					
Very stiff, very moist, grey, Silt		0 1	1			_70		
Loam A-4		14	2.1	17				
		19	5	-				
		1				\dashv		
		7					1	
	_	-						
		1				-	1	
	335.1	1		1				
Loose to medium, wet, grey, very fine Silty Sand	6	5 WR	+	24		75		1
77% Sand		8	1	1		\dashv	1	
19% Silt 4% Clay			T	T			1	
•	_	4			H	-		
		\dashv	į			+		
	Manager	1						
	330.6		_	<u> </u>				
Hard, dry, grey, Clay Shale Bottom of hole = 59.5 ft.	330.1	100/6	1-	├		_80		
DOMONI OF HOIS - 35.0 K		N)		ــــــــــــــــــــــــــــــــــــــ	Ц	-801		_

*PERRY/FRANKLIN

DESIGNED - CHECKED -	EXAMINED	DATE - 5/10/2011	STATE OF ILLINOIS	SOIL BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
DRAWN -	ENGINEER OF BRIDGE DESIGN PASSED		DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 073-0038	869	68-2	CONTRAC	CT NO. 98797
CHECKED -	ENGINEER OF BRIDGES AND STRUCTURES	tational desiration of the second sec		SHEET NO. 26 OF 26 SHEETS		ILLINOIS FED.	. AID PROJECT	***************************************