Illinois Department of Transportation				S		Page 1 of			
Division of Highways District Nine Materials				_			Date	9	14/0
ROUTE ILL 14 DESCRIPTION			Rout	e 14 c	over Little Muddy River LO	GGED	BY B	ryan K	elle
SECTION(1,3) RS-1; 2B-2 LOC	ATIO	ON	Perry	Co Lir	ne, SEC. 23, TWP. 6S, RNG. 1W, 3 PM				
COUNTY Franklin DRILLING	ME	THOD			HAMMER TY	/PE			
STRUCT. NO. 028-0015	D	В	U	М	Surface Water Elev. 379,8 ft	.		U	N
Station 229 + 22	E P	L	C S	0	Stream Bed Elev fi	E		C	1
BORING NO	Т	W	l	s	Groundwater Elev.:	1			8
Station 228+50 Offset 38.00ft Rt	н	S	Qu	Т	First Encounter 367.6 ft	t F	S	Gn	1
Ground Surface Elev. 391.8 ft	(ft)	(6")	(tsf)	(%)	Upon Completion fi After 24 Hrs. 379.5 ft	(f	(6")	(tsf)	(9
Stiff, moist, brown, Silty Clay A-6			 	_	Stiff, very moist, brown mottled		2	1.2	2
					grey, Clay to Silty Clay A7-6 (continued)		3	В	
						69.8	-		
	_	2			Stiff, moist, brown, Silty Clay A-6	09.0	1		T
	\Box	5	1.9	20			2	1.6	2
	-	8	S				4	S	-
-					3	67.3	-	1	
_	-5	2			Medium, moist, grey, Silty Clay A7-6 with Silt Loam Layers				L
		3	1.6 B	25	A7-6 With Sitt Loam Layers		1 2	0.7 S	2
-	\dashv	-				_	+-	۲	┢
384,8						64.8			L
Medium, very moist, brown mottled grey, Silty Clay loam A-6	4	WH 1	0.7	27	Very loose, wet, grey, fine Silty Sand with some Pea Gravel and		1 2		-2
g,,,,	\neg	1	В.	~	Silty Clay Layers		1		ľ
					68% Sand; 10% Silt 7% Clay; 15% Gravel				Т
382.3 Soft, very moist, grey mottled		WH		ļ	Stiff, very moist, grey, Clay to Silty	62.3	an 1	 	├-
brown, Clay to Silty Clay A7-6	-10	WH	0.4	28	Clay A7-6	7	2	1.3	3
_		WH	В		<u> </u>		3	В	L
	-				_		4	1	1
379.8 Stiff, moist to very moist, brown,	-	2		-	Medium, very moist, grey, Clay to	59.8	WH	 	┢
Silty Clay A-6		3	1.4	23	Silty Clay A7-6		1	0.8	2
	-	4	В				2	В	-
377.3	-				4	_	-		1
Medium, very moist, brown	-15	WH			1		5 WH		
mottled grey, Silty Clay A7-6	-	1	0.9 B	26		-	1 1	0.9 B	1
-	-	3	۲°	-	1		+-	+-	+-
374.8					3	54.8			
Stiff, very moist, brown mottled grey, Clay to Silty Clay A7-6		1 2	1.2	26	Stiff, very moist, grey, Silty Clay A-6 with some Pea Gravel		1 2	1.1	2
grey, day to sity day A/-0		2	1.2 B	26	D-2 mill sollie Lea Glavel	-	3	1.1 S	2
			<u> </u>	<u> </u>	1			T-	T
		1607		L		52.3	1.	<u> </u>	L
	20	WH	L	L	Hard, damp, grey, Clay Loam A-6		0 5		_

Illinois Departm of Transportatio	n	e.		S	OIL BORING LOG		Date	<u>2</u> o	14/0
Division of Highways District Nine Materials ROUTE ILL 14 DESCRIPTION			Rout	e 14 d	over Little Muddy River LO	GGED B			
SECTION (1,3) RS-1; 2B-2 LOG									
COUNTY Franklin DRILLING	ME	THOD			HAMMER TY	PE			
STRUCT. NO. 028-0015 Station 229+22	D E P	B L O	U C S	M 0 1	Surface Water Elev. 379.8 ft Stream Bed Elev. ft		B L O	U C S	N
BORING NO. 2-S Station 228+50 Offset 38.00ft Rt	H	W S	Qu (tsf)	S T (%)	Groundwater Elev.: First Encounter 367.6 ft Upon Completion ft After 24 Hrs. 379.5 ft	H (ft)	W S (6")	Qu (tsf)	1 (9)
Ground Surface Elev. 391.8 ft Hard, damp, grey, Clay Loam A-6 (continued)	(ft)	13	4.7 S	14	Medium, wet, grey, Silty Clay Loam A-6 with sand Seams		5 5	0.9 B	2
					(continued)				
347.3 Hard, moist to damp, brown, Clay A7-6	-45	5 14 20	7.0 S	22	Very stiff, very moist, grey, Clay to Silty Clay A7-6	27.3 65	1 5 5	2.5 S	15
						24.8	100/5″		
Medium, wet, grey, very fine Silty Sand 84% Sand 12% Silt 4% Clay	-50	2 4 8		21		_70			
					Cored from 72.5 ft to 77.5 ft. Hard, dry, grey, Clay Shale 60% Recovery 0% ROD	19.3			
337.3 Very stiff, moist to very moist, grey Clay A7-6	-55	5 17 11	3.5 B	24	Note: Sample destroyed while removing from core barrel.	<u>-75</u>			
	_				Bottom of hole = 77.5 ft.	114.3			
332.3	-60	2			Free water observed at 24.2 ft. Elevation referenced to Center of Existing Structure; Crown	-80			

Illinois Departn of Transportation Division of Highways District Mine Materials	n			S	OIL BORING LOG	9/14/
	_		Rout	e 14 c	ver Little Muddy River LOGGED BY Br	
SECTION(1,3) RS-1; 2B-2 LO	CATIO	ON	Perry	Co Lir	ne, SEC. 23, TWP. 6S, RNG. 1W, 3 PM	
COUNTY Franklin DRILLING	ME	THOD			HAMMER TYPE	
STRUCT. NO. 028-0015 Station 229+22 BORING NO. 2-S	D E P T H	B L O W	U C S	M O I S	Surface Water Elev. 379.8 ft Stream Bed Elev. ft Groundwater Elev.:	
Station 228 + 50 Offset 38,00ft Rt		(6")	(tsf)	(%)	First Encounter 367.6 ft Upon Completion ft	
Ground Surface Elev. 391.8 ft Elevation = 398.5 ft.	(it)	1 94	(LSI)	(70)	After <u>24</u> Hrs. <u>379.5</u> ft	\vdash
To convert "N" values to "N60" values, multiply by 1.25.						
	90					
	_					
	-85				·	
	-90					
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	_					
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	-95					
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	-					
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	-100					

| DESIGNED | CHECKED | CHECKED | DATE | 5/10/2011 | CHECKED | CHEC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PERRY/FRANKLIN

**SOIL BORING LOGS | F.A.P. | SECTION | COUNTY | SHEET | NO. |

**STRUCTURE NO. 073—0038 | SECTION | COUNTY | SHEET | NO. |

**CONTRACT NO. 98797 | SHEET NO. 24 OF 26 SHEETS | ILLINOIS FED. AID PROJECT