(PP)	Illinois Dep of Transpo	oartr	ne	nt		SC	OIL BORING LO	2		Page	1	of <u>2</u>
	Division of Highways Geotech Engineering & Testi	ing, Inc.	OH	l		50	DE BOKING LO	_		Date	11/3	30/10
ROUTE	FAS 1388 (IL 8)	DE	SCR	PTION	ı		IL 8 Over Kickapoo Creek	L	oggi	ED BY	C. F	armer
SECTION	(Z-1D-BR-1) B	R	_ ι	OCAT	ION _	SE 1/4	l, SEC. 24, TWP. 9N, RNG. 6E, 4 th Pl	M,				
COUNTY	Peoria D	RILLING	ME	THOD	_	Lautu	HSA HAMMER	TYPE	_	AL	JTO	_
STRUCT. NO. Station	072-0047 792+64.23	_	D E P	B L O	U C S	М О І	Surface Water Elev. 489.04 Stream Bed Elev. 488.00	ft ft	D E P	B L O	U C S	M O I
BORING NO.	Pier 02	_	т	w	-	s	Groundwater Elev.:		т	w	-	S
Station Offset	Pier 02 800+76.38 25.0 ft RT	_	Н	-	Qu	T (0/)	First Encounter	ft∇	H	S	Qu	
	ace Elev. 497.27 an, Moist, SANDY	ft	(ft)	(/6")	(tsf)	(%)	After 36 Hrs. 486.1 Very Loose to Dense, Brown to	ft⊻	(ft)	(/6")	(tsf)	(%)
	ESTONE RIP RAP		_	1			Tan, Wet, Coarse SAND (continued)		_	12 20		10
			_					474.77	_			
			_				Very Firm to Dense, Brown to Tan, Saturated, Coarse SAND w/			18 19		12
							Gravel and Shale Fragments		_	17		12
		492.27	-5						-25			
Very Soft to Firm, Brown, moist, SILTY CLAY LOAM w/ Some			_	1		23			_	6 10		15
Organics			1				_	12				
			_	2					_			12
			_	2					_			12
			3			Borehole continued with rock	ock 468.37	-	21 15			
Very Soft Dar	k Brown to Black,	487.27	-10	2			coring.		-30	17		
	Wet, SILTY CLAY				_							
			_	Ť					_			
			-	1					-			
		483.27	_	0	0.1 B	21			_			
Very Loose to Tan, Wet, Coa	Dense, Brown to		-15						25			
Tan, wet, ooe	alse OAIND		-15	1					-35			
			<u> </u>	1		23			-35			
		Ā							_			
			_	3		21			_			
			_	3					_			
1				ı	1	ĺ	II .			1		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)



ROCK CORE LOG

Division of Highways BACON FARMER WORKMAN ENGINEERING & TESTING INC.							Date11/30/10						
ROUTE	FAS 1388 (I	L 8)	DESCRIPTIO	N	IL 8 Over	Kickapoo	Creek			_ LO	GGED	BY <u>C.</u>	Farme
SECTION	(Z-1D-B	R-1) BR	LOCA	TION SE 1	/4, SEC. 24, tude , Long	TWP. 9N	, RNG.	6E, 4	h PM,				
COUNTY	Peoria	CORII	NG METHOD			nond Bit				R E	R	CORE	S T
STRUCT. NO. Station		047 4.23	CORING B		PE & SIZE _	_ in		D E P	C	0 0	Q Q	T I M E	R E N
BORING NO	800+7	6.38		ock Elev ore Elev		_ ft _ ft		T H	R E	R Y		_	G T H
Offset Ground Surfa	25.0 ft ace Elev.		ft					(ft)	(#)	(%)	(%)	(min/ft)	(tsf)
Dark Gray, Hig				LE with Dar	rk Gray CLA	Y Seams		I	P2C1	100	57	2	
Rock Core P20 Poor Rock) (cx		' to 36.0' de	eoth. Rock Me	ass Rating =	: 27 (Class N	lo. IV -		-30 					
Dark Gray, Hig	hly Weather	ed, Stratifie	d, CLAY SHA	NE			<u>461.27</u>	_	P2C2	84	62	2	26.1
Rock Core P20 Poor Rock)	C2 from 36.0	' to 44.0' de			: 33 (Class N		<u>453.2</u> 7						
End of Boring													

Color pictures of the cores

Yes

Cores will be stored for examination until 12/8/12

The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS, form 138 (Rev. 8-99)

FILE NAME = 0720229	-68697-031-Soil Boring Logs.dgn
REW	BACON FARMER WORKMAN ENGINEERING & TESTING, INC.
DI W	403 NORTH COURT STREET MARION, ILLINOIS 62999 PHONE - 618,997,9190

USER NAME =	DESIGNED -	BWP	REVISED -
	CHECKED -	CMV	REVISED -
PLOT SCALE =	DRAWN -	BWP	REVISED -
PLOT DATE = 3/18/2014	CHECKED -	CMV	REVISED -



SOIL BORING LOGS		SECTION	COUNTY	TOTAL SHEETS	SHEI NO
STRUCTURE NO. 072-0229	1388	(Z-1D-BR-1)BR	PEORIA	89	73
3111001011L NO. 072-0223			CONTRACT	NO. 6	869
SHEET NO. 31 OF 34 SHEETS		ILLINOIS FED. A	ID PROJECT		