of Transpoi	ansportati	on							Date	5	11/1
ROUTE FAP 749 (IL 133) DESCR	IPTION	_			Е	mbarras River	LOGGE	D BY	<u>E. S</u>	Sandsc	haf
SECTION (122BR)B-1	_ LO	CATIC	ON _	W 1/2	. – Se	ec 14, E 1/2 - Sec 15, SEC., T	WP. 14 N, RNG	i. 10 E	, 3 PI	М	
COUNTY <u>Coles</u> DI	RILLING	MET	THOD	<u>Hollo</u>	w ste	em auger & sp li t spoon HA	MMER TYPE		Auto	140#	
STRUCT. NO. 015-0030 Station 713+10 BORING NO. 103 (2010) Station 714+92 Offset 8.0ff Rt Ground Surface Elev 621.77 3 58" asphalt on 11 14" concrete pavement.		D E P T H	B L O W S	U C S Qu (tsf)	M O I S T (%)	Upon Completion After 24 Hrs. Stiff, damp, gray, SILTY LC many organics and wood.	593.00 ft 587.3 ft 614.8 ft 612.8 ft DAM w/	D E P T H (ft)	B L O W S	U C S Qu (tsf)	(% 2
Crushed stone subbase.	620.57	_				(continued)	599.77	\exists			
Stiff, damp, brown, CLAY TILL, fill.						Very soft, very damp, gray LOAM.	, SILTY	=	0 1 2	0.1 B	3
		5 5	1 2 3	1.3 B	14	Stiff, damp, dark gray, SILT CLAY w/organics.	597.27 Y		0 1 3	1.6 B	2
Stlff, damp, brown, CLAY LOAM TILL, fill.	614.77		1 1 2	1.8 B	12	Soft, damp, gray, SANDY L	594.77 .OAM.		0 0 1	0.4 B	2
Medium, damp, gray, CLAY LOAM, f ill .	612.27	_10 _	0 0 1	0.6 B	15	Medium, damp, dark gray, w/many organics.	592.27 LOAM	_30	0 0 1	0.8 B	3
Soft, very damp, brown, CLAY LOAM.	609.77		0 1 1	0.3 B	16						
Gray, SILTY LOAM.	607.27 606.47	15	0	1.3	14	Gray, fine grained, SAND. passing #200 sieve.			12	4.4	9
Stiff, damp, brown, CLAY LOAM TILL.	604.77	Ⅎ	1	В		Very dense, moist, gray, SI CLAY SHALE	LTY	\exists	48	S	
Soft to medium, damp, brown, CLAY LOAM.	004.77		0 0 2	0.5 B	12			\exists			
	602.27		1						50⁄5″		

Division of Highways Illinois Department of Transportation	n				Date
ROUTE FAP 749 (IL 133) DESCRIPTION		Embarra	is River	LOGGE	D BY <u>E. Sands</u>
SECTION (122BR)B-1 LOCA	ATION <u>W</u>	1/2 - Sec 14, E	1/2 - Sec 15, SEC	. , TWP. 14 N, RNO	G. 10 E, 3 PM
COUNTY Coles DRILLING	METHOD H	ollow stem au	ger & sp li t spoon	HAMMER TYPE	Auto 140#
Station 713+10	E L P O T W H S C	S I Street S Grou T Firs	nce Water Elev. nam Bed Elev. ndwater Elev.: t Encounter n Completion r _24_ Hrs	593.00 ft 587.3 ft	
-	4				

Illinois Department of Transportation Division of Highways illinois Department of Transportation	ROCK C	OIIL	LU	J		D	ate	5/11/1
ROUTE FAP 749 (IL 133) DESCRIPTION	Embarras R i ver			_ L0	GGED			
SECTION(122BR)B-1 LOCATION _W_	1/2 - Sec 14. E 1/2 - Se	c 15, SEC.	TWP.	14 N	, RNG.	10 E.	3 PM	
COUNTY Coles CORING METHOD R					R		CORE	s
	NW,	conv split			E C	R	т	T R
STRUCT. NO. <u>015–0030</u> CORING BARR Station 713+10		ner bb	- D	С	0	Q	i	E
Core Diamete	er <u>2.06</u> in Elev <u>587.27</u> ft		E P	O R	V E	D	M E	N G
Station 714+92 Begin Core E	lev. 581.47 ft		T H	Е	R Y			T H
Offset 8.0ft Rt Ground Surface Elev. 621.77 ft			(ft)	(#)	(%)	(%)	(mln/ft)	
Gray, weathered, SILTY CLAY SHALE		581.4	7 -	3103C	1 73	39	1.5	
Rock core B103C1 from 41.0' to 41.5' depth = 13.4 tsl	f.							
			-					
			_					
			_					
			_45					
Gray, weathered, SILTY CLAY SHALE.		576.4	7 <u>-45</u>	103C	2 55	45	1.6	
			_					
Rock core B103C2 from 47.0' to 47.5' depth = 7.4 ts	ıf		_					
			_					
			-					
Gray, weathered, SILTY CLAY SHALE.		571.4	<u>7 –50</u>	1020	B 100	25	1.9	
Majority of sample split vertically, see notes on Field R	lock Core Log.			1030	100	25	1.9	
			_					
Rock core B103C3 from 52.6' to 53.1' depth = 10.8 to	sf.							
Blueish gray, SILTY CLAY.		568.5						
Blueish gray, weathered, SILTY CLAY SHALE.		567.4	7					
		566.4	<u>–55</u>					
Extent of exploration.			_					
			-					
Benchmark: Chiseled square on SE wingwall of existing	structure, BM 1624 71	4+78.5.						
18.5' Rt, Elev = 622.32'.	,		_					
			-60	1		1		

						_				
SIGNED	EXAMINED	Journe F. J. III.	DATE - OCTOBER 16, 2014		SOIL BORING LOGS		SECTION	COUNTY	TOTAL '	SHEE
HECKED -	_	ACTING ENGINEER OF BRIDGE DESIGN	- <u> </u>	STATE OF ILLINOIS		749	(122BR)B-1	COLES	60	48
RAWN -	PASSED	& Carl Prayey	REVISED	DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 015-0076		NO. 74	4350		
IECKED	ACTING ENGINEER OF BRIDGES AND STRUCTURES REVISED			SHEET NO. 31 OF 31 SHEETS	ILLINOIS FE					