Illinois Departm of Transportatio	n	•		S	OIL BORING	LOG			
Division of Highways Illinois Department of Transportation								10-	
ROUTE FAP 749 (IL 133) DESCRIPTION	_			Е	mbarras River	LOGGE	D BY	G. Bense	on
SECTION(122BR)B_1 LOC	CATIO	DN _	W 1/2	- Se	c 14, E 1/2 - Sec 15, SEC., T\	WP. 14 N, RNG	.10 E,3 F	M	_
COUNTY Coles DRILLING	MET	THOD	_		НАГ	MMER TYPE			_
STRUCT. NO. 015-0030 Station 713+10 BORING NO. 5 (1961) Station 714+80	D E P T H	B L O W	O C S G	M 0 I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter	ft ft	D B L P O T W H S	U C S	N C I S
Offset 28.0ft Rt Ground Surface Elev. 611.30 ft	(ft)	⁄6″	(tsf)	(%)	Upon Completion After Hrs.	ft	(ft) /6"	(tsf)	(%
Medium, brown, SILTY CLAY (fill).					Very dense, gray, SHALEY SANDSTONE.	590.80			
	_					586.80			
	_5 _	14			Extent of exploration.		_25		
604.30 Medlum, brown, SANDY CLAY.		10							
Loose, brown, SANDY CLAY.	_10	7							
	<u> </u>								
596.80	=	4							
Medlum, gray, SANDY LOAM.	-15 -	13					<u>-35</u>		
594.30 Weak, gray-blue, weathered, SANDY SHALE.	_								
	 _20						 _40		1

Illinois Departr of Transportation Division of Highways Ellinois Department of Transporta	tion							10/1/
ROUTE FAP 749 (IL 133) DESCRIPTION	١ _			E	mbarras River	LOGGED	BYG	. Benson
SECTION(122BR)B-1 LC	CATI	ON _	W 1/2	- Se	: 14, E 1/2 - Sec 15, SEC., T	WP. 14 N, RNG. 1	0 E, 3 PN	1
COUNTY Coles DRILLING	ME	THOD			на	MMER TYPE _		
STRUCT. NO. 015–0030 Station 713+10 BORING NO. 6 (1961) Station 712+55	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter	ft		
Offset 6.0ft Lt Ground Surface Elev. 592.10 ft	(ft)	/6"	(tsf)	(%)	Upon Completion After Hrs.	ft ft		
Loose, SAND and GRAVEL.	<u>'</u>							
Very dense, gray-blue, SANDY SHALE. 589.16								
Extent of exploration.								
Note: No blow counts were taken; This was bored through bridge floor and could not raise derrick on drill.								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
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)

				1					
DESIGNED	-		EXAMINED		Joune F. A.	M.	DATE	-	OCTOBER 16, 2014
CHECKED	-			ACTANO	ENGINEER OF BRIDGE	DESIGN			
DRAWN	-		PASSED		& Carl Prom	200	REVISE	.D	
CHECKED	-	<u>—–</u>		ACTING ENGI	NEER OF BRIDGES AN		REVISE	D	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS
	STRUCTURE NO. 015-0076
	SHEET NO. 28 OF 31 SHEETS