				SC	DIL BORING LOO	j		Date		<u>29/1</u>
ROUTE FAP 809 D	ESCRI	PTION	l		Box Culvert Structure Boring	L(DGGI	ED BY	K	ΞG
SECTION135-N	Ľ	OCAT		IL 158	over Unnamed Creek					
COUNTY St. Clair DRILLIN		THOD	8		HSA HAMMER	TYPE		AL	JTO	
Existing: 082-0400 STRUCT. NO. Proposed: 082-2045 Station	D E P	B L O	U C S	M O I	Surface Water Elev Stream Bed Elev	ft ft	D E P	B L O	U C S	M O I
BORING NO. B-4 Station 51+59 Offset 48.4 ft RT	H H	W S	Qu	S T	Groundwater Elev.: First Encounter	ft		W S	Qu	S T
Ground Surface Elev. 491.80 fl Grass and Topsoil	t (#)	(/6")	(tsf)	(%)	After Hrs. Grayish Brown Silty Clay, moist,	ft	(π)	(/6")	(tsf)	(%
490. Brown Silty Clay, trace gravel and	8	1			soft, trace sand, iron stains (continued) Grav Silty Clay with			WH		
roots (FILL)	_	2 3	1.1 P		medium-grained sand, very soft, trace gravel and organics			WH WH	0.1 B	
Crushed Brick and Glass 488.	3 🔽	1				468.3		wн		
Grayish Brown Silty Clay, moist, soft, trace sand, iron stains	5	1	0.2 P		Medium-grained Gray Sand			WH WH	a 10	
Gray Silty Clay, moist, soft, iron		1				465.3		1		
stains		WH WH	0.1 P		Gray Silt, moist, trace sand			2 3	1.1 S	
Gray Silty Clay, very moist, very soft	_	WH WH			Gray Silt, moist, soft, trace sand and pebbles			WH	1.2	
	10	WH			-		30	3	S	
Gray Silty Clay, moist, very soft, trace sand		WH WH			-		_			
		1	В		Coal (50/3") Coal with siltstone fragments	459.0 458.8		50/3		
Gray Silty Clay, moist, very soft, iron stains	-15	WH WH 1	0.5 B		(50/2"), trace pyrite End of Boring					
		wн	6. S							
Gray Silty Clay, moist, very soft, ron stains		WH WH					_			
Gray Silty Clay with sand, very moist, very soft, trace pebbles,		WH WH	0.6							

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)

FILE NAME = 1:\0906600\0906603\Cad\S_	lans\0822045-76D06.dgn	DESIGNED -	REVISED -		BORING LOGS	F.A.P.	SECTION	COUNTY TOTAL SHEET
HORNER &	USER NAME = kaklues	CHECKED -	REVISED -	STATE OF ILLINOIS	STRUCTURE NO. 082–2045	809	135-N	ST. CLAIR 206 163
ENGINEERS	PLOT SCALE =	DRAWN - I. Krinitskiy	REVISED -	DEPARTMENT OF TRANSPORTATION		_		CONTRACT NO. 76D06
ENGINEERS	PLOT DATE = 5/1/2012	CHECKED - K.A. Klues	REVISED -		SHEET NO. 20 OF 20 SHEETS		ILLINOIS FED. A	ID PROJECT