P	Illinois Departm of Transportation Division of Highways SCI Engineering, Inc.	
ROUTE	FAP 665 (IL 116) & FAP 534 (IL 94)	DESCR
SECTION	(136, 137)W&RS-3 136R 109BR-2	:

SOIL BORING LOG

Page <u>1</u> of <u>1</u>

SCI FAP 66	sion of Highways Engineering, Inc. 35 (IL 116) & FAP 534 (IL 94)	DES	רפזפי	TON			0						1/8/0
	36, 137)W&RS-3 130		CKIP	TON			<u>C</u>	ulvert Borir	ng		LOG	GED BY	SCI
	109BR-2		L	OCATIO	N _!	Media	Township	o; NE 1/4, SE	EC. 16,	TWP. 9N,	RNG. 4W,		
COUNTY Her	nderson DRIL	LING N	NETHO	DD			CME 45 v	v/HSA		HAMMER TY	PE	Aut	omatic
			D	В	IJ	М	1	***************************************			~~~~		•••••••••••••••••••••••••••••••••••••••
		····	E	L	С	0		e Water Ele					
STUTION			Р	0	S	I	Stree	ım Bed Elev.			_ ††		
ORING NO.	40		Т	W		S	Groupe	lwater Elev.:					
		_	н	s	Qu	Т	11	Encounter		ohearved	++ V		
Station	55 ft Lt		l				11	Completion			~		
Ground Surface	Elev. 658.3	f†	(++)	(/6")	(+ef)	(20)	After	Hrs.	· ' <u>v</u> ''	Backfilled	/ -		
ILTY CLAY LOAM: 4-6)	Dark brown			767	(151)	(/4/							
		657.3											
SILTY CLAY LOAM: 1 A-7-6)	Dark brown			1]]						
A 1 0/			~~~	2	2.0	28							
				3	В								
lecomes grayish Prown	brown and dark			2					*				
OWIT			-	3	1.3	24							
ecomes grayish	brown		-5	3	В]]						
	···· ···· ···· ···· ···· ···· ···· ···· ····	652.8											
CLAY LOAM: Brown prown, trace fine													
gravel (A-7)	s did codi se			2]]						
.				3	1.5	17							
				3	Р								
2,777,782,772,777,777 <u></u>		<u>650.3</u>					li						
SHALEY CLAY: Bro	wn (A-7)												
				6									
				7	2,5	19							
			-10	12	S								
Y AVEY COME		647.8											
LAYEY SHALE: Gr	дy										*		
				4									
				14	4.5	11							
				27	Р								
			******	_			-						
				5									
				15	4.5	13							
			<u>-15</u>	28	Р								
				17				*					
				17 30									
				42	4.5 P	11							
				74	<u> </u>								
				0.7									
				23									
				100	4.5	11							
	t 20.0 ft.	638.3	-20		P		<u> </u>						····

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)

AASHTO Classifications are based on visual classifications unless otherwise noted.

BBS, form 137 (Rev. 8-99)

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Illinois Departm of Transportatio				S	OIL BORING LOG	Page <u>1</u> of
Division of Highways SCI Engineering, Inc. FAP 665 (IL 116) & FAP						Date <u>1/8/09</u>
OUTE	DESCRIPT	ION			Culvert Boring LOGGEI	D BY SCI
(136, 137)W&RS-3 136R; ECTION 109BR-2		OCATIO			Township: NE 1/4, SEC. 16, TWP. 9N, RNG. 4W,	
OUNTY Henderson DRILLI			_		CME 45 w/HSA HAMMER TYPE	
		·	Τ	<u> </u>	II	AGTOMATIC
TRUCT. NO.		B	C	М 0	Surface Water Elevft	
Station	P	0	s	I	Stream Bed Elevft	
ORING NO. 41	Т	W		S	Groundwater Elev.:	
Station <u>153+62</u>	Н	S	Qu	Т	First Encounter Not observed ft	
Offset 43 ft Rt					Upon Completion 652.7 ft $\overline{\Sigma}$	
Ground Surface Elev. 664.7	f† (f†)	(/6")	(tsf)	(%)	AfterHrs. <u>Backfilled</u> ft	
LAY: Brown (A-7)	*****					
		ĺ _			·	
	****	2	<u> </u>			
		3	1.1	26		
			В	ļ		
ILTY CLAY LOAM: Dark brown - 6	61.7				-	
4-7)	Parameter	1				
	***************************************	2	0.4	32		
		2	В	52		
6	<u>~_</u>		 			
LAY: Dark brown and brown	72.4					
4-7)		2				
		2	1.4	23		
		3	В			
(AV.) (AM. = 6 = . = . = . = . = . = . = . = . =	56.7					
LAY LOAM: Gray and brown	*******					
4-17		2	<u> </u>			
		3	1.4	20		
	10	3	В			
	-					
ecomes brown and gray, trace		2				
ine gravel		2	3.1	16		
	<u>¥</u>	6	В			
		 	- −			

	******	2				
	-	5	2.6	15		
	49.7 -15	6	В			
nd of Boring at 15.0 ft.						
	******	ł				
	-			1		•
•	***************************************					
	**************			l		•.
		i	ł	I	11	

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) AASHTO Classifications are based on visual classifications unless otherwise noted. BBS, form 137 (Rev. 8-99)

FILE NAME =	USER NAME = ghidinaam	DESIGNED -	REVISED -		,						F.A.P	SECTION	COUNTY	TOTAL SHEET
miscsheets.dgn		DRAWN -	REVISED -	STATE OF ILLINOIS		•	enu p	ORING	1000		RTE.	JEC (ION	COUNTY	SHEETS NO.
	PLOT SCALE = 100.0000 '/ IN.	CHECKED -	REVISED ~	DEPARTMENT OF TRANSPORTATION		•	OVIL D	OUNAG	rogo		665 (13	16.137)W&RS-3:136R:109BR-2	HENDERSON	
	PLOT DATE = 1/29/2009	DATE -	REVISED -	man rational of stanton of the fold	SCALE: S	HEET NO.	OF	SHEETS	STA	TO STA	ļ	Ta	CONTRAC	T NO. 88773
						7744	~~	01.44.0	O176	10 31M	L	ILLINOIS FED. A	D PROJECT	i