FAP 665 (IL 116) & FAP DESCRIPTION Culvert Boring LOGGED BY SCI	Illinois Department of Transportation Division of Highways SCI Engineering, Inc.			Page 1 of			
DUTE 534 (IL 94) DESCRIPTION Culvert Boring LOGGED BY SCI (135, 137 WARS-3; 136R; LOCATION Media Township; NE 1/4, SEC. 17, TWP. 9N, RNG. 4W, DUNTY Henderson DRILLING METHOD Hand Auger HAMMER TYPE N/A TRUCT. NO. DB U M E L C O P O S I STream Bed Elev. ft Stration 97+35 Ou T W S SUrface Water Elev. ft Scroundwater Elev. ft Scroundwater Elev. E44.0ft Upon Completion 643.5 ft V O After − Hrs. Backfilled ft First Encounter Upon Completion 643.5 ft V O After − Hrs. Backfilled ft Description 1.00	FAP 665 (IL 116) & FAP				•		DOTE
Description 109BR-2		CRIPTION		~~~~~	Culvert Boring	LOGGE	D BY SCI
DUNTY Henderson DRILLING METHOD Hand Auger HAMMER TYPE N/A							,
TRUCT. NO	SECTION 109BR-2	LOCAT	[ON _	Media	Township; NE 1/4, SEC. 17	7, TWP. 9N, RNG. 4W,	
E L C P 0 S I T Stream Bed Elev.	COUNTY <u>Henderson</u> DRILLING	METHOD			Hand Auger	HAMMER TYPE	N/A
Station	STRUCT NO	D B	U	М	C C W		
ORING NO. 29	Station	EL	С	0			
Station 97+35	31011011	P 0	S	I	311 adili pad Elev.	TT	
Station 97+35 Offset 80.00ff Lt Ground Surface Elev. 645.0 ft (ft) (/6") (tsf) (/2) ILTY CLAY LOAM: GrayIsh rown (A-7) oncrete and asphalt rubble in rea of culvert to approximately 0 feet north of culvert end. 1 AY LOAM: Brown and gray 1.0 21 put (tsf) results were performed on uger cuttings. rades to trace fine gravel at 4 eet. secomes harder to hand auger at feet. ANDY LOAM: Brown (A-4) 638.5 AY LOAM: GrayIsh brown -7) 2.5 18 Put of Boring at 8.0 ft.	BORING NO. 29	T W		S	Craundwater Flave		
## Definition of Boring at 8.0 of the control of t	Station 97+35	H S	Qu	Т		C44.0.C+ \\	
Ground Surface Elev. 645.0 ft (ft) (/6") (tsf) (%) After Hrs. Backfilled ft (LTY CLAY LOAM: Grayish rown (A-7)	Offset 80 00ft 1+				Inan Completion	644.UTT ▼	•
ANDY LOAM: Grayish rown (A-7) ANDY LOAM: Grayish brown and of Boring at 8.0 ft. 10.5 A44 P 10.6 A44 P 10.7 A44 P 10.7 ANDY LOAM: Brown (A-4) ANDY LOAM: Grayish brown	Ground Surface Fley 645.0 ft						
rown (A-7) proceete and asphalt rubble in rea of culvert to approximately \(\frac{1}{2} \) Defect north of culvert end. \(\frac{1}{2} \) AY LOAM: Brown and gray \(\frac{1}{2} \) Location (tsf) results were performed on uger cuttings. addes to trace fine gravel at 4 eet. Becomes harder to hand auger at feet. ANDY LOAM: Brown (A-4) 639.0 ANDY LOAM: Grayish brown (A-7) 638.5 AY LOAM: Grayish brown (A-7) 637.0 AND Grayish brown (A-7) 637.0	SILTY CLAY LOAM: GrayIsh	1(++) (/6"	(†s f)	(%)	ATTOL II S.	bucktilled TT	
proceede and asphalt rubble in644.0 \P \	prown (A-7)		0.5	44			
red of culvert to approximately D feet north of culvert end. AY LOAM: Brown and gray 1.0 21 P	Concrete and asphalt rubble in $-\frac{644.0}{}$	<u> </u>	1				
AY LOAM: Brown and gray (-7) (-7) (-7) (-7) (-7) (-7) (-7) (-7)	area of culvert to approximately	∇	\ <u></u>				
u (tsf) results were performed on uger cuttings. rades to trace fine gravel at 4 eet. ecomes harder to hand auger at feet. P ANDY LOAM: Brown (A-4) 639.0 AN LOAM: Grayish brown (A-7) 2.5 18 P and of Boring at 8.0 ft.							
u (tsf) results were performed on uger cuttings. rades to trace fine gravel at 4 eet. ecomes harder to hand auger at feet. ANDY LOAM: Brown (A-4) 638.5 -AY LOAM: Grayish brown -7) 637.0 637.0 P 637.0				21			
ades to trace fine gravel at 4 eet. ecomes harder to hand auger at5	A-7)		P				
rades to trace fine gravel at 4 eet. ecomes harder to hand auger at5							
eet. ecomes harder to hand auger at feet. ANDY LOAM: Brown (A-4) 639.0 ANDY LOAM: Grayish brown -7) 2.5 18 P days a feet. 637.0 P 637.0							
ecomes harder to hand auger at5							
ANDY LOAM: Brown (A-4) 639.0 AY LOAM: Grayish brown -7) 2.5 18 P d of Boring at 8.0 ft.		_	2.8	19			
ANDY LOAM: Brown (A-4) 639.0 -AY LOAM: Grayish brown 638.5 7) 2.5 18		-5	- P				
ANDY LOAM: Brown (A-4) 638.5 AY LOAM: Grayish brown 2.5 18 637.0 P and of Boring at 8.0 ft.	1 1001	-	\ <u> </u>				
AY LOAM: Grayish brown 2.5 18 P 637.0 P	SANOV TOAM - BEOWN - (A-7) 639.0						
2.5 18 P And of Boring at 8.0 ft.	5.86.6	<u>i</u>					
637.0 P P	*						
nd of Boring at 8.0 ft.				18			
	637.0)	P		· ·		
-10 10 	End of Boring at 8.0 ft.						
10							
		10					
		-					
					İ		
	•						
		15					
		12					
		-					
——————————————————————————————————————		-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) AASHTO Classifications are based on visual classifications unless otherwise noted. BBS, form 137 (Rev. 8-99)

FILE NAME =

USER NAME = ghidinaam

PLOT DATE = 1/29/2009

PLOT SCALE = 100.0000 '/ IN.

DOMING NO.		нΙ	s	٥	-	Groundwater Elev.:		1	"		3
Station 97+63	_	"	J	Qu	Т	First Encounter	643.9 ft▼	Н	S	Qu	Т
Offset 16 ft Lt	_	- 1				Upon Completion	641.9 ft∑		ĺ		
Ground Surface Elev. 662.9	f+ ₍₁	f+) (76"	(tsf)	(%)	5 2	filled ft	(++)	(/6")	(tsf)	120
FILL: Dark brown and brown silty			· · · · · · · · · · · · · · · · · · ·			CLAY LOAM: Gray and brown		1(11)	(/6 /	(151)	(%)
clay (A-6)		\dashv				trace fine gravel (A-7) (co			ł		
	_		2					<u>V</u>	١.		
		+	3					******	1		
	****			3.5	24				3	2.6	17
			3	Р					4	В	
		٦	2			Becomes brown			3		
		_	2	1.3	26				6	2.6	15
		크	3	P					7	В	-10
				<u> </u>		End of Boringat 25.0 ft.	637.	9 -25	ļ <u>-</u>	В	<u></u>
		-				End of Boringar 25.0 11.					
			_								
			2								
			2	1.0	30						
		1	3	Р							
	654.9	\top									
CLAY: Brown and gray (A-7)											
		\dashv	2								
		_	3	1.8	25						
		+	3	В							
		-10				4		30			
		\dashv							ļ ·		
Becomes grayish brown		_	_								
becomes grayish brown		\perp	2								
			2	0.6	30						
. '			2	В				***************************************	1		
		\top							1		
		\neg							1		
Becomes gray			1						1		
	****	_	2	0.8	32				1		
		-	2	В							
		-15						35			
	******	_						***************************************			
CITY A TO THE TABLE TO THE	646.4	_	1								
SILTY CLAY: Gray (A-7)	****		1	0.6	30						
			2	В					1		
	_	\dashv	1								
	643.7 ¥	-	1	<0.25	45	1					
		=			, -						
		20		'		<u> </u>		-40	L	L	
The Unconfined Compressive Streng The SPT (N value) is the sum of the	ith (UCS	two	2 ilure blow	P Mode values	is ind	ach sampling zone (AASHTO T2))6)	ter)			
AASHTO Classifications are based or	n visual	cla	ssific	cations	s unle:	ss otherwise noted.	BBS,	form	137 (R	ev. 8-9	99

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

Date <u>12/10/08</u>

LOGGED BY SCI

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E L C

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COUNTY SHEETS NO.
HENDERSON /5%
CONTRACT NO. 88773

SECTION

665 (136,137)W&RS-3;136R;109BR-2 HENDERSON

ILLINOIS FED. AID PROJECT

SOIL BORING LOG

LOCATION Media Township: NE 1/4, SEC. 17, TWP. 9N, RNG. 4W.

Groundwater Elev.:

Stream Bed Elev.

Culvert Boring

CME 45 w/HSA HAMMER TYPE Automatic

Illinois Department

534 (IL 94) DESCRIPTION

P

of Transportation

(136, 137)W&RS-3; 136R;

Henderson DRILLING METHOD

109BR-2

Division of Highways SCI Engineering, Inc. FAP 665 (IL 116) & FAP

ROUTE

SECTION

COUNTY

STRUCT. NO.

BORING NO.

DESIGNED -REVISED -DRAWN -REVISED -STATE OF ILLINOIS SOIL BORING LOGS CHECKED -REVISED -**DEPARTMENT OF TRANSPORTATION** DATE REVISED -SCALE: SHEET NO. OF SHEETS STA. TO STA.