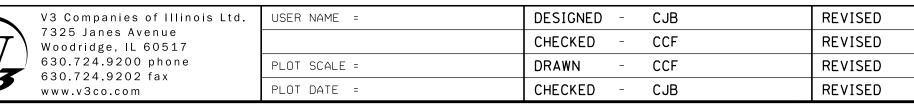
Illinois Dep	artn	ner	nt							Page	<u>1</u>	of _1
of Transpo Division of Highways	rtati	on			SC	DIL BORIN	G LOO	)		Date	6/	4/12
<b>ROUTE</b> IL 170 (FAP 786)	DES	SCRI	PTION	IL	170 ov	/er Hog Run, 5.93 miles	South of US 6	<u>5 LC</u>	OGGE	ED BY	Larry	/ Myers
<b>SECTION</b> (110)BR-1,2,3		_ L			NE 1/4	, SEC. 23, TWP. 32N, F	RNG. 5E					
COUNTY LaSalle DF	RILLING	MET	THOD		Ho	llow Stem Auger	_ HAMMER T	YPE	(	CME A	utoma	atic
STRUCT. NO.         050-0143 (Exist.)           Station         314+05 (Exist.)           BORING NO.         1 (N.W. Quad.)		D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.:	658.33 657.88	_	D E P T H	B L O W S	U C S Qu	M O I S T
Station         313+82           Offset         13.00ft Rt.           Ground Surface Elev.         667.29	ft	(ft)		(tsf)	(%)	First Encounter Upon Completion After Hrs.	639.8 640.3		(ft)	(/6")	(tsf)	(%)
Augered Shoulder Stone, Black Silty Clay Loam Fill & Brown Sand/Gravel Fill			-			Hard Gray Silty Clay L (continued)	oam Till	-		4 6 9	5.1 S	14.4
Medium Brown Sand/Gravel Fill with some Larger Gravel Pieces to Cobble Size	664.79		5 5 4		6.6					5 7 10	5.3 S	15.0
		-5	5		7.0				-25	6	5.1	16.3
Stiff Black Silty Clay Loam Topsoil	660.29		9					7 	 ▼	9	S	
			2	1.5 P	33.0					8 11	6.2 S	17.6
Hard Brown to Gray Silty Clay Loam Till	657.29	-10	3 5 7	4.1 S	16.8				<u>-30</u>	8 10 14	5.8 S	15.6
			6 6 7	4.6 S	14.5							
Very Stiff Gray Clay Till	652.79	-15	3 3 3	3.3 B	25.3			000 ==	-35	10 10 15	6.1 S	18.3
Very Stiff Gray Sandy Clay Loam with Sand Layers & Loam Layers	649.79		3	3.5 P	13.4	End of Boring		630.79				
Hard Gray Silty Clay Loam Till	647.79	-20							-40			



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Illinois Dep of Transpor	artm rtatic	en on	t		SC		G LOG		Page Date		<b>of</b> <u>1</u> 4/12
ROUTE IL 170 (FAP 786)	DES	CRIP	TION	IL	170 ov	er Hog Run, 5.93 miles	South of US 6 L	OGGE			Myers
`	_					4, <b>SEC.</b> 24, <b>TWP</b> . 32N, F					
	ILLING I			_		low Stem Auger	HAMMER TYPE		ME A	utoma	tic
	Г						_				
STRUCT. NO.         050-0143 (Exist.)           Station         314+05 (Exist.)           BORING NO.         2 (S.E. Quad.)           Station         314+27           Offset         13.00ft Lt.           Created Surface Flow         667.10		D E P T H	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion	657.88 ft 639.7 ft ¥ 640.2 ft ∑	D E P T H	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
Ground Surface Elev. 667.19 Augered Shoulder Stone, Black	ft		(,0)	(เอเ)	(70)	After Hrs Hard Gray Silty Clay Lo	<b>ft</b> pam Till	(14)	5	(tai)	(70)
Silty Clay Loam Fill, Brown Sand & Gravel Fill	_								7 11	5.7 S	14.9
Medium Brown Sand & Gravel Fill with Layers of Gravel Pieces	 664.69		4 6 11		5.2				5 5 8	5.1 S	15.1
Stiff Black Silty Clay Loam Topsoil	<u>662.19</u>	-5	5 2 2	1.5 P	25.5				6 8 10	5.1 S	16.6
Stiff Brown & Gray Silty Clay Loam Till	 <u>659.69</u>		1 2 2	1.5 P	24.7			¥ ¥ 	6 8 11	5.3 S	14.0
Hard to Very Stiff Brown to Gray Silty Clay Loam Till	<u>657.19</u> _	-10	3 3 4	4.1 B	21.7			 	9 14 12	5.7 S	17.0
	_		4					_			
	_		6 7	4.4 P	25.4						
	-	-15	7 3 4 6	B 3.5 S	21.0		630.69	35	8 10 14	6.3 S	15.2
Hard Gray Sandy Clay Loam Till with Sand Layers	<u>650.19</u>		4 4 7	4.4 S	14.8	End of Boring					
	647.19	-20						-40			

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)

 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING Structure no.
	SHEET NO. 6 OF

BBS, form 137 (Rev. 8-99)

G LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
. 050–2055	786	(110) BR-2	LASALLE	69	33		
. 050–2055			CONTRAC	T NO. 6	56B19		
6 SHEETS	ILLINOIS FED. AID PROJECT						