Illinois Dep of Transpo Division of Highways LLNOIS DOT	oartn ortati	ner on	nt		SC	DIL BORIN	G LOO	9		Page Date		<b>of</b> <u>1</u> 5/12
ROUTE IL 170 (FAP 786)	DES	SCRI	PTION	<u>    IL</u>	170 ov	er a Stream, 6.98 miles	South of US	<u>6 LC</u>	GGE	D BY	Larry	Myers
SECTION (110)BR-1,2,3		_ L	OCAT	ION _	NE 1/4	, SEC. 26, TWP. 32N, F	RNG. 5E					
COUNTY LaSalle DF	RILLING	MET	HOD		Hol	llow Stem Auger	_ HAMMER	INDE .	0	CME A	utoma	tic
STRUCT. NO.         050-0156 (Exist.)           Station         369+42 (Exist.)           BORING NO.         1 (N.W. Quad.)           Station         369+18           Offset         13.00ft Rt.           Ground Surface Elev.         671.47		D E T H (ft)	B L O W S (/6'')	U C S Qu (tsf)	M O I S T (%)	After Hrs.	660.58 654.5 641.5	_ft _ft <b>▼</b>	D E T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
Augered Shoulder Stone, Black Silty Clay Loam Fill, Brown Sand & Gravel Fill with Large Gravel Pieces						Very Stiff Gray Clay Ti of Clay & Minor Silt (co	II with Layers ontinued)			3 4 5	3.2 S	29.4
Loose Brown Sand & Gravel Fill with Large Gravel Pieces & Silty Clay Loam Till Fill Layers	<u>668.97</u>		4 3 3		10.0			646.97		3 3 3	3.0 P	27.4
Stiff Black Silty Clay Loam Topsoil	666.47	-5	2 1 3	1.5 P	39.0	Hard/Very Stiff Browni Clay Loam Till	ish Gray Silty	040.07	-25	5 7 9	4.1 B	16.1
Medium Brown Silty Clay Loam Till	<u>664.47</u>		2	0.8 P	26.4					4 5 8	3.7 B	20.4
Hard Brown Silty Clay Loam Till	<u>661.97</u>	-10	1 3 5	4.0 S	18.3			7	<u>7-30</u> 	5 7 9	3.9 B	19.6
Hard Gray Silty Clay Loam Till with Sand/Gravel Pockets at 16'	659.47		3 6 9	4.3 S	15.1							
		<u>-15</u>	6 9 11	>4.5 P	10.8	End of Boring		634.97	-35	6 6 8	4.1 B	18.9
	651.97	⊻ 	5 7 9	4.1 B	22.0							
		-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)

BBS, form 137 (Rev. 8-99)



	USER NAME =	DESIGNED -	CJB	REVISED
Janes Avenue idge, IL 60517		CHECKED -	CCF	REVISED
24.9200 phone 24.9202 fax 3co.com	PLOT SCALE =	DRAWN -	CCF	REVISED
	PLOT DATE =	CHECKED -	CJB	REVISED

ROUTE IL 170 (FAP 786)	DESCRI	PTION	Ш	170 ov	er a Stream, 6.98 miles South of US	6 10	OGGE		Larry	
SECTION (110)BR-1,2,3					·				Larry	wiyo
			_		4, <b>SEC</b> . 25, <b>TWP</b> . 32N, <b>RNG</b> . 5E					
COUNTY LaSalle DRILLI		HOD		Ho	llow Stem Auger HAMMER	TYPE	(		utoma	
STRUCT. NO.         050-0156 (Exist.)           Station         369+42 (Exist.)	D E P	B L O	U C S	M O I	Surface Water Elev.660.75Stream Bed Elev.660.66		D E P	B L O	U C S	M 0 1
SORING NO.         2 (S.E. Quad.)           Station         369+64           Offset         14.00ft Lt.	H H	W S	Qu	S T	Upon Completion 641.6	_ ft ¥ ft ∑	T H	W S	Qu	S T
Ground Surface Elev. 671.61 1 Augered Shoulder Stone, Black	t (ft)	(/6")	(tsf)	(%)	After Hrs Hard Gray Silty Clay Loam Till with	ft	(ft)	( <b>/6'')</b> 3	(tsf)	(%
Sand & Gravel Fill		-			Layers of Gray Silt at 16' - 17' (continued)			4	4.1 S	17.
669. Stiff Black Silty Clay Loam Topsoil -	11	2						3		
Top 2' possible Fill		2	1.5 P	28.0		647.11		5 6	4.3 S	13.
	5	2			Hard Brownish Gray Silty Clay Loam Till	047.11	-25	4		
		2 2	1.5 P	27.8				6 8	4.4 S	15.
664. /ery Stiff Brown & Gray Silty Clay .oam Till	<u>61                                    </u>	1						6		
		2 3	3.6 B	21.2		04044		6 9	4.7 S	16.
	10	3			Very Stiff Gray Clay Till	642.11		3		
650	 	4	3.4 B	20.0				5 6	3.4 B	20.
659. Hard Gray Silty Clay Loam Till with ayers of Gray Silt at 16' - 17'		4								
		8 10	4.7 S	15.4						
	-15	5 9 16	5.2 S	17.1		635.11	-35	4 5 5	3.6 B	21.
		-			End of Boring	000.11				
	<b>Y</b>	9 7 9	4.6 S	17.9						

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
 SOIL BORING

 DEPARTMENT OF TRANSPORTATION
 STRUCTURE NO. 0

 SHEET NO. 7 OF 7

BBS, form 137 (Rev. 8-99)

G LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
. 050–2056	786	(110) BR-3	LASALLE	69	40
. 050–2050			CONTRACT	NO. 6	56B19
7 SHEETS		ILLINOIS	FED. AID PROJECT		