SCI Eng	por n of High gineering	ways	ion		SC	DIL BORING LOG		-	<u> 1 </u>	
FAI 57/70	DE	SCR	IPTION	N		Bridge Boring L	ogg	ED BY		
SECTION 25-4HVB-1		_ 1			Bridge	e-EBL & WBL at U.S. Rte. 45				
COUNTY Effingham DR	ILLING	3 ME	THOD			HAMMER TYPE				
(EX) 025-0013 (E STRUCT. NO. (EX) 025-0014 (W Station 2294+12.22 BORING NO. 1A Station 2295+20 Offset 0 ft	BL), /BL)	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. n/a ft Stream Bed Elev. n/a ft Groundwater Elev.: 567.3 ft ♥ Upon Completion 561.3 ft ♥	D E P T H	B L O W S	U C S Qu	
Offset 0 ft Ground Surface Elev. 621.8	ft	(ft)	(/6")	(tsf)	(%)	Upon Completion 561.3 ft ⊻ After Hrs. ft	(ft)	(/6")	(tsf)	(
Medium, very moist, SILTY CLAY LOAM		_				Stiff, damp, CLAY (continued)				
				0.8	15	-	_		1.6	
			6	S		599.8 Stiff, very moist to damp, SILTY		14	S	
Medium to stiff, damp, SILTY	618.8					CLAY				
CLAY		_		1.0	19			10	1.1	
Medium to stiff, damp, CLAY with 2" thick lenses of medium SILTY	617.3	-5	8	E		-	-25	13	S	
CLAY		-	-			596.3 Medium to stiff, damp to very	<u> </u>	-		
		_	7	1.0 S	21	damp, CLAY	_	13	1.2 S	
		_		3		-	_		3	
Medium, damp, CLAY	613.8									
Medium to soft, very damp, CLAY	612.8		8	0.8/S 0.5/S	21 22			13	1.0 S	
		-10		0.0/0		-	-30		3	
	610.8	-					_			
Medium, very damp, CLAY		_	7	0.7 S	21		_	8	1.0 S	
		_				-	_			
Soft, very damp, CLAY	608.8	_				588.8 Stiff, damp to very damp, CLAY				
			5	0.3 S	24			12	1.4 S	
		-15		-			-35		-	
Stiff, damp, CLAY	606.3									
		_	10	1.3 S	15		_	10	1.3 S	
			-	-			_	-	-	
			12	1.2 S	23			13	1.2 S	:
		-20					-40	-		

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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)

Illinois D of Trans	porta n of Highway gineering, In	ati⊲ ∞	on		SC	IL BORING LOG	2 of <u>2</u> 11/03/89	
ROUTE FAI 57/70	DES	CRIF	PTION			Bridge Boring LOGGED BY		ROUT
						EBL & WBL at U.S. Rte. 45		SECTION
COUNTY Effingham DR								COUN
(EX) 025-0013 (E STRUCT. NO. (EX) 025-0014 (V Station 2294+12.22 BORING NO. 1A	BL), VBL)	D E P T	B L O W	U C S	M O I S	Surface Water Elev. n/a ft D B I Stream Bed Elev. n/a ft P O Stream	U M C O S I S	STRUC Static BORIN
Station 2295+20 Offset 0 ft	-	н	s	Qu	Т	First Encounter 567.3 ft ▼ H S C Upon Completion 561.3 ft √ I I I I	Qu T	Static
Ground Surface Elev. 621.8	ft((ft)	(/6")	(tsf)	(%)	After Hrs ft (ft) (/6") (t	sf) (%)	Grou
Stiff, damp to very damp, CLAY (continued)		-				Hard (very dense), very moist, SANDY CLAY LOAM TILL		Mediur LOAM
	579.8	_	9	1.0 S	17	(continued)	9	
Medium to soft, very damp, CLAY	575.0	_	-	0				Stiff, da
	_	_				558.3		
	_	_		0.5	21	Very stiff, very moist, SANDY 557.8 3.	6/S 10	
		-45	7	S		Very dense, very damp,	13	
Medium, very damp, CLAY	576.3	_				cemented, medium grain, SAND 500.0 -000 Boring terminated at 65 ft.		
Slightly organic with wood	-	_		0.7	17			
	_	_	9	S	17			Mediur
		_						
		+		1.0				
		-50	10	S	19	-70		
	_	-50						
	570.3			1.6				
Stiff, damp, CLAY TILL with 1" thick SAND lenses		_	12	S	13			
	568.8							
Medium, very damp, SANDY CLAY (slightly organic w/odor)		+		0.7				
	567.3	/	11	0.7 S	15			
Hard, very moist, CLAY TILL	_	-55						
	_	_						
	_	-	45	6.4 S	13			
	563.8	-				_		
Hard (very dense), very moist,	003.8							
SANDY CLAY LOAM TILL	_	_	60	4.6 S	10			
		-60	30	5		-80		

FILE NAME = 0250111-74295-077-Boring Logs.de	n USER NAME = bbovee	DESIGNED -	REVISED		BORING LOGS
BERNARDIN * LOCHMUELLER & ASSOCIATES, INC.	Illinois Design Firm Number 184.001670	CHECKED -	REVISED	STATE OF ILLINOIS	
3 OAK DRIVE MARYVILLE, ILLNOIS 62062 PHONE (618) 288-4665 FAX (618) 288-4665	PLOT SCALE =	DRAWN - WJS	REVISED	DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 025–0111 (WB)
FAX (618) 288-4666	PLOT DATE = 3:27:32 PM 8/14/2013	CHECKED - CJF	REVISED		SHEET NO. 77 OF 79

Division of Hig SCI Engineerin	hways g, Inc.			SC	DIL BORING LOG		Data	11/0	000
EAL 57/70	SCD				Bridge Boring L	000			
						.000			
25-4HVB-1	เ	-OCAT	10N _	Bridge	EBL & WBL at U.S. Rte. 45				
Effingham DRILLIN	G ME	THOD			HAMMER TYPE				
(EX) 025-0013 (EBL), (EX) 025-0014 (WBL) 2294+12.22 (0. 2A 2291+58 0 ft	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. n/a ft Stream Bed Elev. n/a ft Groundwater Elev.: ft First Encounter ft Upon Completion ft	D E P T H	B L O W S	U C S Qu	M O I S T
Surface Elev. 624.4 ft	(ft)	(/6")	(tsf)	(%)	After Hrs. ft	(ft)	(/6")	(tsf)	(%)
ery moist, SILTY CLAY htly organic with roots)	_				Medium, very damp, CLAY (continued)	_			
, , ,	_	_	0.6	15		_	_	0.8	19
622 0, CLAY	4	5	E	10			7	S	10
	_		1.1			_		0.9	
	_	9	E	14	-	_	8	S	19
	-5					-25			
617	4 —	8	1.5 S	16		_	7	0.6 S	22
ery damp, CLAY	_					_			
					595.0				
		-	0.8	25	Stiff, damp, CLAY			1.0	19
	-10	7	S	-	-	-30	9	S	
			0.9	00	-			1.5	46
		8	S	20			15	S	18
	_		0.0		-	_		10	
	_	8	0.9 S	26			10	1.2 S	18
	-15					-35			
	_	8	0.9 S	20	587.	. —	12	1.2 S	16
	_		3		Medium, very damp, SILTY CLAY	•	14	3	
			0.6	22	-			0.9	25
	-20	6	S	22	-	-40	7	S	25

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)

LOGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
(WB) & 025–0112 (EB)	57/70	(25-4HVB-1)BY	EFFINGHAM	1760	612
(WD) & 023-0112 (ED)			CONTRACT	NO. 7	'4295
F 79 SHEETS		ILLINOIS FED. AI	D PROJECT		