Division of Highways Illinois Department of Transportation						Date4/19/07_			
ROUTE FAI 57/70	ESCRIPTION			I-57	7/70 over US 45 LOGGE	ED B	Y <u>E. S</u>	Sandso	chafer
SECTION (25-4,3)R	LOCATI	ON_	N 1/2,	SEC.	16, TWP. 8 N, RNG. 6 E, 3 PM				
COUNTYEffingham	_ DRILLING ME	THOD	Hol	low ste	em auger & split spoon HAMMER TYPE		Auto	140#	
STRUCT. NO. (EX) 025-( Station 2294+12  BORING NO. 1	E P T	B L O W	U C S	M O I S	Surface Water Elev.         N/A ft           Stream Bed Elev.         N/A ft	D E P T	B L O W	U C S	M 0 1 8
Station         2290+9           Offset         4.00ft L		s	Qu	Т	First Encounter535.1 _ ft Upon Completion Washed ft	н	S	Qu	Т
Ground Surface Elev. 62	24.58 ft (ft)	(/6")	(tsf)	(%)	After 24 Hrs. 612.0 ft	(ft)	(/6")	(tsf)	(%)
Medium to stiif, damp, brown gray, CLAY.	*				Medium to stiif, damp, brown & gray, CLAY. (continued)	_	5	1.7 BS	15
	-					_			
		5 12	2.5	12		_	2	1.5	16
	$\exists$	25	PP	12		_	5	B	10
	-					_			
	-5	6 10	2.2	13		-25	1	1.4	12
		16	В			_	5	В	
						_			
	+	3	1.2	14		_	3 7	2.2	7
		9	В		Gray, SILTY LOAM w/ wood	_	7	В	
	$\exists$				chunks. 595.08				
	10	4	1.0	18	Stiff, damp, gray marbled red, CLAY.	30	3 4	1.7	15
	-	6	В			_	6	В	
	4	2				_			
		4	1.0	16		_			
		5	В			_			
	-15	3			590.08 Medium to very soft, gray, SILTY	-35	2		
	15	4 5	1.4 B	13	LOAM.	55	5 7	0.9 B	20
	$\exists$					_			
	_	2				_			
	$\dashv$	3	1.0	15		_			
		•				_			
	-20	3				-40	1		

of Transportation  Division of Highways Illinois Department of Transportation						DIL BORING LOG		Date4/19/0			
ROUTEFALS	57/70 DESC	RIPTIO	N			I-5	7/70 over US 45 LOG	GED B	Y <u>E. S</u>	Sandso	cha
SECTION	(25-4,3)R	LO	CAT	ION_	N 1/2,	SEC.	16, TWP. 8 N, RNG. 6 E, 3 PM				
COUNTYEf	fingham D	RILLIN	G ME	THO	Hol	low st	em auger & split spoon HAMMER TYPI	E	Auto	140#	
STRUCT. NO Station	(EX) 025-0013/ 2294+12.22	<u>′001</u> 4	D E P	B L O	U C S	M 0 1	Surface Water Elev. N/A ft Stream Bed Elev. N/A ft	D E P	B L O	U C S	N
BORING NO Station Offset	2290+95 4.00ft Lt		H	S	Qu	S T	Groundwater Elev.: First Encounter 535.1 ft Upon Completion Washed ft	Н	W S	Qu	1
Ground Surface	e Elev. 624.58	ft	(ft)	(/ <b>6''</b> )	(tsf) 0.2	(%) 21	After 24 Hrs. 612.0 ft Hard, damp, gray, CLAY TILL.	(ft)	(/6") 27	(tsf) 7.1	(%
Red, SANDY CLA	Y TILL.	583.78		7	В		Very hard drilling. (continued)	_	40	В	
			_					_			
			_					_			
			_					_			
Very stiff, damp, r	ed, SANDY	580.08	-45	10				-65			
LOAM TILL.			_	37 45	3.5 S	7		_			
			_					_			
			_					_			
			_					_			
		575.08	_					_			
Very dense, very SANDY CLAY TIL	moist, red, _L.		-50	50/4" 50/0"	+4.5 PP	10		-70	19 25	8.1	- 8
			_	50/0"				_	33	В	
			_					_			
			_					_			
			_					_			
			-55					-75			
								_			
			_					_			
			_					_			
		565.08									

Illinois Department of Transportation Page <u>3</u> of <u>5</u> **SOIL BORING LOG** ROUTE FAI 57/70 DESCRIPTION I-57/70 over US 45 LOGGED BY E. Sandschafer SECTION \_\_\_\_\_(25-4,3)R LOCATION N 1/2, SEC. 16, TWP. 8 N, RNG. 6 E, 3 PM COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

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, from 137 (Rev. 8-99)

FILE NAME = 0250III-74295-07I-Boring Logs.dgt USER NAME = bbovee DESIGNED - REVISED	
BERNARDIN - LOCHMUELLER & ASSOCIATES, No. 2011/2015 Design Firm Number 184,001670 CHECKED - REVISED	
MATTER CONTROL OF STATE OF THE CONTROL OF	
FAX (6/18) 288-4666 PLOT DATE = 3:26:38 PM 8/14/2013 CHECKED - CJF REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STRUCTURE NO. 025-0111 (WB) & 025-0112 (EB)	57/70	(25-4HVB-1)BY	EFFINGHAM	1760	606
STRUCTURE NO. 023-0111 (WD) & 023-0112 (ED)			CONTRACT	NO.	74295
SHEET NO. 71 OF 79 SHEETS		ILLINOIS FED. AI	D PROJECT		