Division of Highways Illinois Department of Trans	portation						Date	05	19:0
POLITE		IPTION	Sign	Borir	g - South Bound Lane; 30 feet E.O.P. L	OGGE	D BY		CI
60 - (7.8.9.10)RS, 60	_				sville Township; NE 1/4, SEC. 21, TWP. 3N,				
COUNTY Madison DRIL	Ling M	ETHOD			CME 45/HSA HAMMER TYPE		Auto	omatic	
STRUCT. NO.			U	М	Surface Water Elevft	D	В	U	М
Station	. E		C	0	Stream Bed Elevft	E	D L	C S	0
BORING NO. B-1		w	ľ	s	Groundwater Elev.:	Ť	w	ľ	s
BORING NO. <u>B-1</u> Station 607+25	. н	s	Qu	T	First Encounter 82.7 ft ▼	H	S	Qu	Т
Offset 55 ft Lt Ground Surface Elev. 99.2		1 (6")	(tsf)	(%)	Upon Completion ft	(ft)	(6")	(tsf)	(%
CRUSHED LIMESTONE - 6 inces	- 11 1 11	1 (0 /	(40,7	1701	After Hrs ft 78.:		10 /	(1017	1/2
FILL: Brown, low plastic clayey	30.7	1		ŀ	CLAY: Brown, high plastic, some				
silt (A-4)		4		T-	sand, trace fine gravel		2		
(/)		6 7	4.5 P	18	(A=7)		4 5	1.7 B	15
	96.2	+-	<u> </u>			-		В	├
SILT: Reddish brown, low plastic	90.2	1		l					
(A-4)	-	3		T			3		
	_	3	0.6 B	24	Becomes gray	_	5	8.0	14
	93.7	5 3	В	├		-25	5	В	
SILTY CLAY: Reddish brown, low	93.7	1		ŀ					
plastic (A-6)	-	1					1		_
(A-0)		2 2	0.8	21			2	1.1	16
	91.2	+ z	В	├		-	4	В	
SANDY CLAY: Reddish brown,	91,2	1		l					
low plastic (A-6)		1				_	1		
(/0)	-	1	0.8 B	20			2	1.1 B	17
	88.7	0 3	- <u>-</u>	├		<u>~30</u>	3	5	
CLAY: Brown, high plastic, some	90.7			l		_			
sand (A-7)		1				-			
		2	0.8 B	20					
	86.2	+ -	-	├					
SANDY CLAY: Brown, low plastic		1_			l				L
(A-6), with Brown, low plastic clayey silt (A-4) deposit from	_	4				_	2		
about 14 to 14.5 feet	-1	7 8	2.2 B	18		-35	8	2.7 B	12
	83.7	9 "	٦	\vdash	Temporary benchmark Sta.	-35	r-	۰	-
SILT: Brown, low plastic (A-4)					607+50 pavement stamp. Assumed El. of 100.0 at the "+".				
with approximately 2-inches of Brown, fine to medium sand (A-2)	¥.	4			Assumed El. Of 100,0 at the "+".				
deposit at about 17 lest	82.2	12 32	2.0 S/15	18					
SANDY SILT: Brown, low plastic (A-4)	-	1 32	313	 		-			
V		L		L					
	_	9	Ī.,	Ι			2		
	_	18 n 13	1.8 S/10	17	59.5		3 6	1.9 B	14

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 Depart	ment		SOIL BORING LOG	Page	1 of 1			
of Transportati	IUII ation	•	SUIL BUNING LUG					
POLITE		Sign Bor	ing - South Bound Lane; 30 feet E.O.P. LOG	GED BY	SCI			
60 - (7,8,9,10)RS, 60 - (8,9,10)BR	LOCA	TION Collin	nsville Township; SW 1/4, SEC. 15, TWP. 3N, RN	G. 8W				
COUNTY Madison DRILLIN	IG METHOD)	CME 45HSA HAMMER TYPE	Auto	matic			
STRUCT. NO Station BORING NO. B-2	D B L P O T W	U M C O S I S	Groundwater Elev.:	0 W	U M C O S I S			
BORING NO. B-2 Station 642+00 Offset 95 ft Lt Ground Surface Elev. 95.0 ft	H S	Qu T	First Encounter	(6")	Qu T			
SILT: Grayish brown, low plastic (A-4)			SILT: Grayish brown, low plastic (A-4) (continued)		, , , , , ,			
	5 6 7	5.1 18 \$/10	Becomes grayish brown	WH 2 2	0.5 26 B			
Becomes grayish brown and brown	1 1	0.8 27	Becomes gray and clayey	WH 2	0.6 25			
	_5 2	В	CLAY: Brown and olive gray, high	25 2	В			
Becomes brown	- 1 3 2	0.3 27 P	plastic, trace to some sand, trace	2 3 4	1.4 24 B			
	WH 1 110 2	0.3 28 B		2 2 30 3	1.0 21 B			
Becomes grayish brown	WH 1	0.4 29						
D	2 WH	В	- - -					
Becomes gray	WH 15 WH		Becomes brown	1 2 35 3	0.9 18 B			
Becomes grayish brown	WH 1 2	0.7 28 B	Temporary benchmark – Sta. 642+50 pavement stamp. Assumed El. of 100.0 at the "+".					
Becomes brown	1 2	0.5 27		3 4	3.3 15			
	-20 2	B 27	Boring terminated at 40.0 ft.		В			

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 Department of Transportation			SOIL BORING LOG						
	Division of Highways Illinois Department of Transportat	lion.			_	012 20111110 200		Date	_
ROUTE			TION	Sign	Borin	g - South Bound Lane; 25 feet E.O.P. Li	OGGE	D BY	,
SECTION	60 - (7,8,9,10)RS, 60 - (8,9,10)BR	L	OCAT	ION	Collins	ville Township; SE 1/4, SEC. 15, TWP. 3N, R	NG. E	3W	
						CME 45/HSA HAMMER TYPE			
	NIGOROTT DIVILLATOR					I I I I I I I I I I I I I I I I I I I	$\overline{}$	_	T
		DE	B	U	М	Surface Water Elevft Stream Bed Elevft	Đ	B	l
JIBROII		P	0	s	1	Stream Ded Liev	P	0	l
BORING NO.	B-3	II	W	_	S	Groundwater Elev.:	T	W	
Station	672+00 53 ft Lt	н	S	Qu	Т	First Encounter 73.0 ft ▼	H	S	
Offset	53 ft Lt face Elev. 99.0 ft	(ft)	(/6")	(tsf)	(%)	Upon Completion ft After - Hrs ft	(ft)	(6")	
CRUSHED II	MESTONE - 6 98.5		10 /	(60)	(70)	CLAYEY SILT: Brown, low plastic	11.4	707	H
inches		<u> </u>				(A-4) (continued)	-		l
FILL: Brown, (A-6)	low plastic silty clay		2			Becomes brown		3	Γ
	acovery - auger cuttings]	2	0.8	27			4	۱
collected. Ha	nd penetrometer test	4	3	Р			_	6	1
performed or	cuttings.	-					\dashv		١
Beco	mes brown and gray	-	2				-	3	t
		\neg	3	1.3	23			3	ı
		5	6	В			-25	4	Ĺ
						73.5			Γ
Mich	grayish brown low plastic		2			SILTY CLAY: Brown, low plastic (A-6)	<u>v</u>	2	Ļ
silt	grayish brown low plastic	-	4	1.9	20	(****)	-	2	l
			6	В				3	ı
									t
									L
			2 2	2.6	23			2	ı
		10	5	2.0 B	23		-30	4	ı
		-10					30		t
									l
		_	1	4.0	24		_		
			3	1.9 B	24	CLAY: Gray and brown, high			١
		-	-			plastic, trace to some sand, trace	-		١
			L	L		fine gravel (A-7)			L
	mes gray from about 13.5	\Box	1			V//		2	Γ
to 14.5 feet		_	4	1.7	25			3	1
		15	6	В	ļ		<u>-35</u>	4	+
							-		ı
	82.5		2			Temporary benchmark - Sta.	\neg		١
	brown and gray,	\Box	4	1.2	23	672+50 pavement stamp. Assumed El. of 100.0 at the "+".			۱
low plastic ((A-4)		_	4	В		Pagarina El. Or 100.0 at the + .	_		1
	: Brown, low plastic						\dashv		۱
(A-4)	. 2.3.11, 1011 piadati	-	2			Becomes brown, some sand	-	2	t
Beco	mes grayish brown	\neg	2	0.3	30	, , , , , , , , , , , , , , , , , , , ,		2	١
		-20	3	В		ll	-40	3	ı

DESIGNED - ___ REVISED -REVISED -DRAWN -CHECKED - ____
DATE - ___ REVISED - ___ PLOT SCALE = \$SCALE\$ PLOT DATE = \$DATE\$

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

F.A.I. SECTION
70 _____ SOIL BORING LOGS 1 OF 4 SCALE: _____ SHEET NO. __ OF ___ SHEETS STA. _____ TO STA. ____

• 60-(7,8,9,10)RS, 60-(8,9,10)BR

COUNTY TOTAL SHEETS NO.

MADISON 150 147

CONTRACT NO. 16A73

__ FED. ROAD DIST. NO. _ | ILLINOIS FED. AID PROJECT

\$FILEL\$