Illinois Depa of Transporta DMston of Highways Blooks Department of Trans	portation			Ŭ	OIL BORING LOG		Date	3	/16/
				IL 157	over Sugar Creek LOG	GED B	Y	JAS (1	rsi)
SECTION64-1BR	LOCATIO	ON _	NE 1/4	, SEC.	1, TWP. 4N, RNG. 8W, 3 PM				
COLINTY Madison DRIL	LING ME	THOD		Holle	ow Stem Auger HAMMER TYP	F 1	40# 4	Automa	atle
060-0072 (E)/					<u> </u>	_		1	г
STRUCT. NO060-0204 (P) Station	_ E	B L	U	M 0	Surface Water Elevft Stream Bed Elevft	D E	B L	C	1
	- P	O W	S	S		P	o W	S	١,
BORING NO. #2 E. Abut	- [н	s	Qu	T	Groundwater Elev.: First Encounter <u>448.7</u> ft		s	Qu	-
Offset 11.00ft Left Ground Surface Elev 469.7	- _{fr} (ft)	(/6")	(tsf)	(%)	Upon Completionft After Hrsft		(/6")	(tsf)	(9
Asphaltic Concrete (3"), Crushed		(-,	(40.7)	(,		10.07	(-,	100.7	,
Limestone Base (3") Dark Brown (Soft, Moist) Silty	-	4			Brown (Very Soft, Wet) Silty Clay LOAM (Alluvial)	<u>*</u>	wн		
CLAY (Fill)	-	2	-	26	Les and Calculation,	_	WH	-	2
Broken Sample	=	2					WH		L
	466.7				44	b./ _			
Brown (Soft, Moist) Sity CLAY (Loess) Broken Sample		2		23	Brown (Medium Stiff, Moist) Silty CLAY (Till)		WH 2	0.62	2
	 _5	2		25	, ,	-25	3	В	ľ
	164.2								
Brown (Medium Stiff, Moist) Silty	_	2			Trace Gravel, More Clay		WH		
Clay LOAM (Loess)	_	3	1.31 B	19			WH 3	0.26 S	2
	461.7 —					_	Ť	Ť	H
Brown to Gray/Brown (Medium	-	4			Brown/Gray	_	1		
Stiff, Moist) Silty LOAM (Alluvial)		4	 	19	Dioministry,	_	2	0.69	2
	<u>–10</u> 459 . 2	4			Began Mud Rotary	30	3	S	H
	+59.2				augan maa maan,	_			
Dark Gray (Soft, Moist) Silty CLAY (Alluvial)	=	1	0.04	36	42	7.7			
		2	В		,				
	-				Brown/Gray (Stiff, Molst) Silty Clay LOAM with Trace Gravel				
		1	0.01	25	(TIII)	_	4	2.10	L
	-15	1 2	0.31 S	25		-35	6 9	2.19 S	1
	154.2								
Brown (Medium Stiff, Moist) Silty	-	1					1		
Clay LOAM (Alluvial)		3	1.35	24	43.	2.7	1		
	451.7	2	S		Gray (Stiff, Molst) Slity CLAY with	-			
					Trace of Limestone Gravel (TII)	_			
Brown to Gray/Brown (Soft, Moist) Silty CLAY (Alluvial)		2	0.04	27			5	1.75	1
1	449.7 -20	1	В		I	-40	7	s	Ι.

Illinois Depa of Transporta	ation	FIIL I			S	OIL BORING LOG			5 -	2	
Division of Highways	portation									3	
ROUTE <u>FAS 770</u> DESCRIP	TION _				L 157	over Sugar Creek LC	OGGEL) B)	′ <u> </u>	JAS (T	rs
SECTION 64-1BR	LOCA	TION	_NE	1/4,	SEC.	1, TWP. 4N, RNG. 8W, 3 PM					_
COUNTY Madison DRIL	LING N	ИЕТН	DD _		Hollo	ow Stem Auger HAMMER T	YPE _	14	40# A	automa	at
060-0072 (E) / STRUCT. NO. 060-0204 (P) Station		ΕL			M O	Surface Water Elev.	ft	D E	B L	U	Ī
BORING NO. #2 E. Abut	_ !	τV	v		S	Groundwater Fley		P T	o W	S	l
Station 57+10	- - ft (f				T (%)	First Encounter	ft	H (ft)	S (/6")	Qu (tsf)	
Gray (Stlff, Molst) Slity CLAY with Trace of Limestone Gravel (Till) (continued)		=				Gray (Very Stlff, Molst) SILT (TIII) A-4(6) See Classification @ 54 ft					İ
	127.7	Ⅎ				(continued)	407.7	_			l
Gray (Medium Stiff, Molst) CLAY	_	_				Gray (Stiff, Molst) CLAY (Till)	-				
	_	١ :					_	_	4		
		45			27			 -65	6 7	1.46 S	l
	_	-		1		Hard Dr ill ing	-	-05			t
4	122.7	=					402.7	Ξ			
Gray (Stiff, Moist) Silty CLAY with		-				Gray (Stiff, Molst) Sity CLAY (Till)					l
Trace Limestone (Till)		۱,						_	3		l
	_	50 8			17			 -70	4 6	0.77 B	Ī
		Ⅎ						_			
	417.7	Ⅎ						_			
Gray (Very Stiff, Molst) SILT (TIII)	_	╛				;	396.7				l
See Classification @ 54 ft		٠,	,			Gray (Stiff, Moist) Sity CLAY with		_	3		l
	_	55 1			27	Trace Limestone (Residual)	-		4 5	0.62 S	t
	=	55 1	2 10	_		Hard Drilling	-	-75	5	5	t
	-	7					-	_			l
	_	4									l
		Ⅎ					391.7	_	100/1"	\vdash	t
		7 ,	,			Gray LIMESTONE		-		NS	1
	_	60 6			29		-	-80			

Illinois Depar of Transporta DMslon of Highways Illinois Department of Transpo	ortation		•	OIL BORING	L 00	Date
ROUTE FAS 770 DESCRIPT		j	L 157 a	ver Sugar Creek	LOGGED	BY JAS (
SECTION 64-1BR	LOCATION	NE 1/4,	SEC. 1,	TWP. 4N, RNG. 8W, 3 PM		
COUNTYMadison DRILL	ING METHO	D	Hollow	Stem Auger H.	AMMER TYPE	140# Autom
060-0072 (E) / STRUCT. NO. 060-0204 (P)		T _U				$\overline{}$
Station	1 - 1 -	C	0	Surface Water Elev Stream Bed Elev	m ft	
BORING NO. #2 E. Abut	T W	-	s l	Groundwater Elev.:		
Station 57 + 10 Offset 11.00ft Left	H S	Qu	Т	First Encounter Upon Completion	448.7 ft ¥	
Ground Surface Elev. 469.7	ft (ft) (/6"	(tsf)	(%)	After Hrs	ft	
Gray LIMESTONE (continued) 38	38.7 1004)"	-			
END OF BORING	_	NS				
END OF BONING	_					
	-					
	4					
	-85					
	_					
	_90 90					
	-90					
	-					
	_05					
	-33					
	-					
	_					
	-					
	-100					

DESIGNED -	EXAMINED	DATE - MARCH 20, 2012	27.77 27 11.111212	SOIL BORING LOGS	F.A.S. SECTION	COUNTY TOTAL SHEET SHEETS NO.
CHECKED -	ENGINEER OF BRIDGE DESIGN		STATE OF ILLINOIS	STRUCTURE NO. 060-0204	770 64-1BR	MADISON 137 98
DRAWN -	PASSED	REVISED	DEPARTMENT OF TRANSPORTATION	31NOCIONE NO. 000-0204		CONTRACT NO. 76401
CHECKED -	ENGINEER OF BRIDGES AND STRUCTURES	REVISED		SHEET NO. 24 OF 26 SHEETS	ILLINOIS FED.	AID PROJECT