FED. RO	AD DIST. NO.	ILLIN	iois	FED.	AID	PROJECT			
315	34-4B-1	٠	IANCO	CK	452	27			
F.A.P. RTE.	SECTION		С	OUNT	Y	SHEETS	SHE		

D-96-551-02

Page <u>2</u> of <u>2</u>

CONTRACT NO. 72680

Illinois Department of Transportation

Bottom of Highway

Botto District of Page 1999

Bottom of Highway

SOIL BORING LOG

Page <u>1</u> of <u>2</u>

Date <u>11/13/02</u> ROUTE FAP 315 (IL 336) DESCRIPTION Proposed IL 336 over West Fork Lamoine River LOGGED BY M. Tappan 34-4 LOCATION SE 1/4, SEC. 18, TWP. 5 N, RNG. 5 W, 4 PM Hancock DRILLING METHOD HAMMER TYPE 140 # Auto COUNTY HSA U C S **М** О Surface Water Elev. 528.4 ft STRUCT, NO. E L P O 1153+08 ______ £ Stream Bed Elev. Station BORING NO. Groundwater Elev.: H S Qu First Encounter 526.5 ft
Upon Completion Washed ft
After Hrs. Plugged ft Station 1150 + 80 Offset 57.00ft Left /6" (taf) (%) Ground Surface Elev. Grey Fine Grained SAND Washed (continued) 25 Medium to Coarse Grained SAND w/Broken Limestone GRAVEL at Bottom
Washed
Grey Broken Crystalline
LIMESTONE Auger Refusal at 50.5 - Boring

SOIL BORING LOG

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)

Illinois Department

of Transportation

BBS, from 137 (Rev. 8-99)

MOUTE FAP 315	(IL 336) DE	BUKIPTION		roposed	ш 336	over W	est Fork Lamoine River		TOGGED	Bĭ		I. Tappa		
SECTION	34-4	ro	CATION	T _	SE 1/4,	SEC. 18,	TWP. 5 N, RNG. 5 W, 4 PM							
COUNTY	Hancock DRILI		METH	OD	HSA			HAMMER TYPE			140 # Auto			
STRUCT, NO.	034-0508		D	В	U	M	Surface Water Elev.	528.4	_ ft	D	В	U	D	
Station	1153+08		E	L	C	0 I	Stream Bed Elev.	527.7	_ ft	E	L O	C]	
BORING NO.	85 Abut		T	w		S	Groundwater Elev.:			Т	w			
Station	1150+80		H	S	Qu	T	First Encounter	526.5	_ ft	H	S	Qu	1	
Offset	57.00ft Left	5.5 ft	(ft)	∕6 "	(tsf)	(%)	Upon Completion	Washed	— ft ft	(ft)	∕6 "	(taf)	(%	
Ground Surface El Brown and Grey Mo		5.5 ft	(10)		(uoi)	(10)	After Hrs SAND (continued)	Plugged	_ T	(10)		(uoi/	\^	
CLAY LOAM	MS CALL		_				Lanto (commune)			\dashv				
											2			
							Grey Medium Grained SANDY	?		\Box	4			
			_				Washed		***	\dashv	7	-		
							Brown and Grey Moist CLAY		512.50					
				0			LOAM (Till) Washed				5			
			_	1	0.5	30	Wasned				4	2.0	2	
			5	2	В		_			-25	4	В		
Grey Wet LOAM		530.00								\dashv				
				0										
				1	0.3 B	29								
			_	1	В		-			-				
										-				
		526.50		0							3			
SAND Grey Wet Medium (Carinal CANT		_	1 2			Grey Washed			_	7 10	2.9 B	2.	
Free Water	STREET SAIND		<u>-10</u>				-			-30	10	-		
			_											
				0										
				0						-				
			_	-			-		502.50	-				
							Grey Fine Grained SAND		002.00					
				0			Washed				5			
Medium to Coarse (Washed	Grained		-15	1 2							12 19			
			15				-			35				
D' 1				0			4							
Di rty Washed				1						-				
			_	<u> </u>			1			\dashv				
			_											
					1	1	II.			_		1	1	
Medium Grained				0			 Medium Grained				8 19		_	

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)

DESIGNED JEH
CHECKED BRT
DRAWN TC
CHECKED BRT

BORINGS
U.S. ROUTE 136 OVER
LAMOINE RIVER
F.A.P. RTE. 315 SECTION 34-4B-1
HANCOCK COUNTY
STATION 1153+07.72
STR. NO. 034-0508 (WBL)

HUTCHISON ENGINEERING, INC. JACKSONVILLE, ILLINOIS

Date: January 31, 2006

2173/jamoine/2173b228