FED. RO	AD DIST. NO.	ILLIN	OIS	FED.	AID	PROJECT			
315	34-4B-1		_	IANCO	CK	452	2		
F.A.P. RTE.	SECTION		С	OUNT	Y	TOTAL SHEETS	SHE		

SHEET NO. 32 34 SHEETS

CONTRACT NO. 72680

D-96-551-02

Illinois Department of Transportation Division of Highways IDOT District 6

SOIL BORING LOG

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Date <u>11/13/02</u>

ROUTE FAP 315 (II	2 336) DESCR	IPTION	_1	Proposec	I IL 336	over We	st Fork Lamoine River		LOGGEI	BY		М. Тарра	n
SECTION	34-4	roc	CATION	1 _	SE 1/4,	SEC. 18,	TWP. 5 N, RNG. 5 W, 4 PM						
COUNTY H	iancock D	RILLING	METH	OD			HSA	HAMMER T	YPE		140 #	Auto	
STRUCT. NO.	034-0508		D	В	U	м	Surface Water Elev.	528.4	ft	D	В	U	h
Station	1153+08		E	L	C	0	Stream Bed Elev.	527.7	— ft	E	L	C	0
			P	0	8	I		V2/.,		P	0	8	I
BORING NO.	89 Pier		T	W		8	Groundwater Elev.:			T	W		8
Station	1153+89		H	S	Qu	T	First Encounter	521.9	_ ft	H	S	Qu	T
Offset	25.00ft Left						Upon Completion	Washed	_ ft				
Ground Surface Elev.	541.4	ft	(ft)	∕6 "	(tsf)	(%)	After <u>24</u> Hrs.	534.4	_ A	(ft)	∕6"	(taf)	(%)
Brown and Grey Moist	SILTY						Grey Medium Grained SANI				1		
CLAY			_	1			(continued)						
				1									
				İ						_	1		
				1			Washed				2		
			_	1							3		
				1									
			_	1						_			
				4							3		
				2	0.6	17	Medium to Coarse Grained			-25	4		
				2	В		Washed				7		
		585.40					1						
Brown Moist SAND LC	AM	000120		1									
			_	2						_			
				2	0.5	15	1						
				3	В				513.40	_			
		532.90											
Brown and Grey Wet L	OAM			1			Brown and Grey Moist CLAY			_			
				0			LOAM (Till)				7		
			-10	1	0.2	25	Washed			-30	5	2.3	23
				1	В						6	В	
		530.40											
Brown and Grey Moist	CLAY			1									
				0									
				2	0.8	34	Ī						
			_	2	В								
		527.90					1						
Brown and Grey Moist	SILTY			1									
CLAY				0							8		
			-15	2	0.5	31	Washed			-85	4	2.4	21
				2	В						7	В	
		525.40	_				1			_			
Grey V. Moist LOAM				1									
			_	0						_			
				0	0.3	28	1						
			_	0	В					_			
		522.90					1						
Grey Medium Grained	SAND	·····		1						_			
				0							3		
Free Water			-	0	1		Washed			-40	3	2.0	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)

Illinois Department of Transportation
Division of Highways
DOT District 6

SOIL BORING LOG

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ROUTE FAP 315 (IL 336)) DESCRIP						st Fork Lamoine River	LOGGED			4. Тарра	
SECTION	34-4	_ LO C	ATION	T _	SE 1/4,	SEC. 18,	TWP. 5 N, RNG. 5 W, 4 PM					
COUNTY Hancock DRILLING		METHOD		_		HSA	HAMMER TYPE		140 #	Auto		
STRUCT. NO. Station	034-0508 1153+08	_	D E	B L	U C	M	Surface Water Elev. Stream Bed Elev.	528.4 ft 527.7 ft	D E	B L	U C	N C
	100100	_	P	0	S	I	Stream neu niev.	11	P	0	8	1
	89 Pier		T H	W	۸	S	Groundwater Elev.:		T H	W	۸	8
	<u>1153 + 89</u> 00ft Left	_	_ n		Qu	*	First Encounter Upon Completion	<u>521.9</u> ft Washed ft	"		Qu	1
Ground Surface Elev.	541.4	— _{ft}	(ft)	∕6 "	(tsf)	(%)	After 24 Hrs.	534.4 ft	(ft)	∕6 "	(taf)	(%
Brown and Grey Moist CLAY				4	В		Washed	480.90	\vdash	34		
LOAM (Till) (continued)							SAND (continued)			/l"		
			_				Boring Completed					
SAND		499.40										
SAIND			_						\dashv			
									-			
	_			18	_							
Grey Medium Grained SANI Washed)		45_	35 36					65			
···			_	30					\dashv			
									-			
			_									
									\perp			
			_						\dashv			
				3					-			
Fine Grained			-50	7			†					
Washed				10					ij			
			_						\equiv			
									_			
			_									
Madium Curinal CANDY				8	-	1	#					
Medium Grained SANDY GRAVEL			-65	9 8					<u>-75</u>			
Washed			_	_		 			\dashv			
									\exists			
			_									
									\dashv			
			_						\dashv			
				47					\dashv			
Coarse Grained SANDY GRA	VEL		-60	66	1		†		-80			

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)

JEH DESIGNED CHECKED TC DRAWN BRT CHECKED

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