	I	LLINOI	S DEPA Distri	Bridge Foundation Boring Log							
FAP 849 (IL 142) Over stream	1					s	heet	1 of 2			
Route: FAP 849 (IL 142 Str	ructure	e Numbe	r: 041-	2003		_Date:		9/14/20:	10		
Section 113B-1				Bored By: R Moberly							
County: Jefferson	Loca	tion:	2 mi SE	E Mt Ve	ernon Checked By: R Graeff						
					Surf Wat Elev: 430.4						
Boring No 2-S	D	В			Ground Water Elevation	- D	В				
Station 76+95	E	L			when Drilling 421.7	E	L				
Offset 9' Lt CL	P	0	Qu			- P	0	ا م. ا			
Ground Surface 438.7 Ft	. T.	w	tsf	W%	At Completion		W	Qu	W%		
Ground Surface 438.7Ft	Н	S	toi	VV 70	At: Hrs:	Н	S	tsf	W%		
Asphalt over Concrete					Very stiff, moist, grey, Silty Clay		8	2.95	2		
_					Loam to Loam A-4		11				
437.2											
Very stiff, moist, brown and grey, _											
Silt Loam to Silty Clay Loam A-4		4					6				
		3	3.8S	16			11	2.68	2		
_		2					14				
434.2					409.2						
Medium, very moist, grey and	5.0	1			Hard, damp, grey, Clay to Clay	30.0	6				
brown, Silt Loam to Silty Clay		2	0.7S	21	Loam A7-6		10	5.0B	1		
Loam A-4		2					12				
_					ii .						
431.7											
Medium, very moist, grey, Silty		WH			ti ·		5				
Clay Loam A-6		1	0.6B	29	†I		9	4.8B	1		
_		1	0.00				11	1.00			
	-	<u> </u>			1	-					
429.2					404.2						
Medium to stiff, moist, brown	10.0	2			Med dense, moist, grey and brown	35.0	1				
mottled grey, Silty Clay Loam	10.0	3	1.0S	22		- 55.0	4		1		
A-6	-	3	1.00	22	46% Sand; 17% Silt	-	7				
					5% Clay; 32% Gravel						
	_				401.7	-		Washed	41		
-		WH			Very dense, damp, grey and		23	wasneu	4		
	_	WH	0.6B	27	brown, clayey Gravel and Sand	_	40				
-			0.00	21	II brown, clayey Graver and Sand						
	_	3				_	32				
-					399.2						
	45.0					40.0	_				
-	15.0		0.05	4.5	Medium dense, very moist, grey,	40.0					
	_	1	0.8B	19		_	7		2		
-		2			75% Sand		12				
		1			12% Silt	_					
421.7		.			6% Clay						
Loose to med dense, very moist,	_	1			7% Gravel						
brown, Silty Sand		4		20							
84% Sand		6			4	_					
8% Silt											
8% Clay 419.2			Vashed 2	1.5'	394.2		_				
Medium, very moist, grey and	20.0				Dense, damp, grey and brown,	45.0	_				
brown, Silty Clay A-6		4	0.78	19	clayey Gravel and Sand	_	21				
-		6			4		22				
		1				_					
416.7					1		ļ				
Stiff, moist, brown, Silty Clay Loam		8			1						
to Loam A-4		14	1.8S	21	II .]				
		16									
l .											
-											
414.2					389.2						

Route: FAP 849 (IL 142)					Sheet 2 of 2 Date: 9/14/
Section: 113B-1					
County: Jefferson					
Boring No: 2-S Station: 76+95 Offset: 9' Lt CL Ground Surface: 438.7Ft	D E P T H	B L O W S	Qu tsf	W%	D B E L P O T W Qu H S tsf V
Very stiff, moist, grey, Silty Clay A-6		5 8	3.3B	32	
_	_				
385.7 Hard, dry, grey, Clay Shale					
-		1001011			
383.7 Bottom of hole = 54.8 feet	55.0	100/3"			80.0
Free water observed at 17.0 feet	_				
Elevation referenced to BM @ _ NW of structure; Elev.= 438.3 ft		•			
Borehole advanced with hollow stem auger (8" O.D, 3.25" I.D.)	60.0				85.0
To convert "N" values to "N60" multiply by 1.25					
	_				_
	65.0				90.0
-	_				. —
	_				三
	70.0				95.0
	_	-			
	_				
	_	-			
	75.0				100.0



USER NAME = has		DESIGNED	-	JTS	01/12	REVISED	-
ESCA PROJECT NO. 988.10		CHECKED	-	JAF/RDP	02/12	REVISED	-
PLOT SCALE = 0:2 ':' / IN.		DRAWN	-	HAS	02/12	REVISED	-
PLOT DATE = 6/4/2014	8:12:15 AM	CHECKED	-	JTS	03/12	REVISED	-

BORING LOGS		RTE. SECTION		COUNTY	TOTAL SHEETS	SHEE NO.	
STRUCTURE NO. 041–2021	849	113B-1			JEFFERSON	36	30
OHIOGIGHE HOLOTT ESE!					CONTRACT	NO. 7	8210
SHEET NO. 9 OF 9 SHEETS			ILLINOIS	FED. AI	D PROJECT		