

LOG OF BORING NO. 2										Page 1 of 2		
OWNER				ARCHITECT/ENGINEER								
				Willet, Hofmann & Associates, Inc.								
SITE				PROJECT								
Mercer County, Illinois				Proposed Bridge								
GRAPHIC LOG	DEPTH (ft.)	DESCRIPTION	SAMPLES				TESTS					
			USCS SYMBOL	NUMBER	TYPE	RECOVERY	SPT - N BLOWS / FT.	MOISTURE, %	DRY DENSITY PCF	UNCONFINED STRENGTH PSF		
	0.3	3" ASPHALT		1	AS				7.3			
	2.0	Fill - crushed LIMESTONE			HS							
		Lean to fat CLAY, greenish gray, very stiff	GL-CH	2	ST	14"		23.9	103	4500*		
	5				HS							
	7.0	SILT, dark gray, very stiff	ML	3	ST	12"		24.0	97	6000*		
		- with sand, trace ferrous staining, color change to gray and yellowish brown, becomes stiff @ about 12'			HS							
			ML	4	ST	27"		29.0	93	2000*		
	15				HS							
	18.0	Elastic SILT, with sand, dark gray, very soft	MH	5	SS	19" WOH		31.0				
		- trace sand, becomes medium stiff @ about 22'			HS							
			MH	6	ST	26"		31.2	90	1020	Torvane	
		- color change to dark gray @ about 56'			HS							
			MH	7	ST	23"		30.3	90	2000*	Torvane	
		- sandy @ about 27'			HS							
	32.0											

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: IN-SITU, THE TRANSITION MAY BE GRADUAL. Calibrated Hand Penetrometer\*

WATER LEVEL OBSERVATIONS				BORING STARTED			
WL	35'	WD	42'				11-15-06
WL							11-15-06
WL				RIG	Rig 112	FOREMAN	MG
WL				APPROVED	RED	JOB #	15-106

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			USCS SYMBOL	NUMBER	TYPE	RECOVERY	SPT - N BLOWS / FT.	MOISTURE, %	DRY DENSITY PCF	UNCONFINED STRENGTH PSF		
		Sandy lean CLAY, trace gravel, dark gray, very stiff	CL	8	ST	25"		15.8	117	5000*		
	35				HS							
			CL	9	ST	20"		14.6	121	6860		
	40				HS							
			CL	10	ST	19"		17.9		4500*		
	45				HS							
		- becomes hard @ about 47'	CL	11	SS	22"	31	21.3				
	50				HS							
	52.0	Lean to fat CLAY, with sand, greenish gray and dark gray, stiff		12	SS	18"	11	23.9				
		- color change to dark gray @ about 56'			HS							
				13	SS	18"	10	23.2				
	60.0	Bottom of Boring										

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FILE # S:\AS\Project\112806\Bridges - Drawings\112806\BoringLog.dgn



DESIGNED - MICHAEL WAGNER	REVISED -
CHECKED - BRIAN CONVERSE	REVISED -
DRAWN - RON ALLEN	REVISED -
CHECKED - BRIAN CONVERSE	REVISED -

MERCER COUNTY  
F.A.S. 217 (C.H. 6) OVER MAIDS RUN  
STATION 20 + 05

BORING LOGS  
STRUCTURE NO. 066-3031

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
217	05-00096-00-BR	MERCER	21	17
WHA* 112806		CONTRACT NO. 89432		
ILLINOIS FED. AID PROJECT BRS-0211021				

STRUCTURAL SHEET NO. 10 OF 10 SHEETS