

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 214	*	MERCER	16	15
FED. ROAD DIST. NO. 7 ILLINOIS			89387	

\* 05-00023-02-BR

LOG OF BORING NO. 1		Page 1 of 2						
OWNER		ARCHITECT/ENGINEER						
Missman, Stanley & Associates, P.C.		Missman, Stanley & Associates, P.C.						
SITE		PROJECT						
Mercer County, Illinois		Seaton Road Bridge Over Pope Creek						
GRAPHIC LOG	DESCRIPTION	DEPTH (ft.)	SAMPLES			TESTS		
			USCS SYMBOL	NUMBER	RECOVERY	SPT-N BLOWS / FT.	MOISTURE, %	DRY DENSITY PCF
	Approx. Surface Elev.: 597.8 ft.							
	0.2 2" ASPHALT	597.5						
	1.0 Fill - crushed LIMESTONE	596.8						
	Fill - lean CLAY, with sand, trace gravel, and ferrous staining, dark olive gray, stiff		CL	1	SS	10"	8	15.0
		5						
		9.0	CL	2	SS	6"	3	18.1
	SILT, trace sand, very dark grayish brown, medium stiff							
		10						
		15						
		18.0	SP	4	SS	14"	7	20.8
	Fine to medium SAND, with clay seams, dark gray, loose							
		20						
		22.5	SP	5	SS	18"	21	9.9
	Medium to coarse SAND, with clay, dark gray, medium dense							
		25						
		30	SP	6	SS	17"	16	15.2
	- color change to dark gray and dark greenish gray @ about 28'							
		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		3-7-07	
WL	23'	WD	10'	AD	
TEAM Services, Inc.		BORING COMPLETED		3-7-07	
WL		RIG	Rig 112	FOREMAN	MG
WL		APPROVED	RED	JOB #	15-127

LOG OF BORING NO. 1		Page 2 of 2						
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SITE		PROJECT						
Mercer County, Illinois		Seaton Road Bridge Over Pope Creek						
GRAPHIC LOG	DESCRIPTION	DEPTH (ft.)	SAMPLES			TESTS		
			USCS SYMBOL	NUMBER	RECOVERY	SPT-N BLOWS / FT.	MOISTURE, %	DRY DENSITY PCF
	Fine to coarse SAND, with gravel and silt, olive brown, dense	565.8	SP	7	SS	20"	35	13.0
		35						
		37.5	SML	8	SS	10"	19	17.2
	Sandy SILT, gray, very stiff							
		40						
		42.0	CL	9	SS	21"	22	19.5
	Lean CLAY, with sand, dark gray, very stiff							
		45						
		47.0	SP	10	SS	14"	12	19.7
	Fine SAND, with silt, grayish brown, medium dense							
		50						
		55	SP	11	SS	14"	19	18.5
		60	SP	12	SS	16"	18	17.0
	Bottom of Boring							

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DESIGNED	MHM
CHECKED	JBF
DRAWN	MHM
CHECKED	JBF

**SOIL BORING LOGS**  
SECTION 05-00023-02-BR  
F.A.S. 214, STA. 70+40  
MERCER COUNTY  
STRUCTURE NO. 066-3043