

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

* 05-00023-02-BR

LOG OF BORING NO. 2										Page 1 of 2	
OWNER			ARCHITECT/ENGINEER								
SITE			PROJECT								
Mercer County, Illinois			Seaton Road Bridge Over Pope Creek								
GRAPHIC LOG	DESCRIPTION	DEPTH (ft.)	SAMPLES			TESTS					
			USCS SYMBOL	NUMBER	TYPE	RECOVERY	SPT-N BLOWS / FT.	MOISTURE, %	DRY DENSITY PCF	UNCONFINED STRENGTH PSF	
Approx. Surface Elev.: 598.0 ft.											
	0.2" ASPHALT	597.8			HS						
	1.0" Fill - crushed LIMESTONE	597.0			HS						
	Fill - lean CLAY, trace sand, dark yellowish brown, medium stiff		CL	1	SS	15"	3	25.8			
					HS						
	7.5	590.5			HS						
	Lean CLAY, trace sand and gravel, trace ferrous staining, very dark gray and dark greenish gray, medium stiff		CL	2	SS	18"	4	19.2			
					HS						
	12.0	586.0			HS						
	SILT, trace sand, very dark grayish brown, soft		ML	3	SS	15"	3	29.4			
					HS						
					HS						
	-- color change to very dark gray @ about 18'		ML	4	SS	19"	2	32.8			
					HS						
	22.0	576.0			HS						
	Fine SAND, light olive brown, very loose		SP	5	SS	22"	3	16.6			
					HS						
	27.0	571.0			HS						
	Medium to coarse SAND, with gravel and clay, dark gray and dark greenish gray, medium dense		SP	6	SS	17"	9	9.9			
					HS						
	32.0				HS						
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	18'	AD	BORING COMPLETED				3-7-07				
TEAM Services, Inc.			RIG				Rig 112 FOREMAN MG				
			APPROVED				RFD JOB# 15-127				

LOG OF BORING NO. 2										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	TYPE	RECOVERY	SPT-N BLOWS / FT.	MOISTURE, %	DRY DENSITY PCF	UNCONFINED STRENGTH PSF	
	Fine SAND, trace gravel and silt, dark greenish gray, medium dense	566.0	SP	7	SS	15"	13	18.5			
					HS						
	37.0	561.0			HS						
	Lean CLAY, trace sand and gravel, dark gray, very stiff		CL	8	SS	19"	16	15.8			
					HS						
	42.0	556.0			HS						
	Silty SAND, gray, dense		SM	9	SS	15"	28	18.8			
					HS						
					HS						
	-- becomes medium dense @ about 48'		SM	10	SS	18"	20	17.9			
					HS						
					HS						
	55.0				HS						
					HS						
	60.0	538.0			HS						
	Bottom of Boring		SM	12	SS	20"	21	16.2			
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Calibrated Hand Penetrometer*											
WATER LEVEL OBSERVATIONS			BORING STARTED				3-7-07				
WL	18'	AD	BORING COMPLETED				3-7-07				
TEAM Services, Inc.			RIG				Rig 112 FOREMAN MG				
			APPROVED				RFD JOB# 15-127				

DESIGNED	MHM
CHECKED	JBF
DRAWN	RAP
CHECKED	JBF

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