

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	37
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SHEET NO. B11
OF 11 SHEETS

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log
Sheet 1 of 1

Main Road in Dixon Springs State Park Over Stream

Route: _____ Structure Number: 076-9907 Date: 4/4/2006

Section: _____ Bored By: Bryan Keller

County: Pope Location: Dixon Springs State Park Checked By: Rob Graeff

D E P T H	B L O W	Qu tsf	W%	Surf Wat Elev: 433.9		D E P T H	B L O W	Qu tsf	W%
				Ground Water Elevation when Drilling	431.5				
Very soft, wet, brown, Silty Clay Loam A-6				At: 2 Hrs: 435.0					
	1	0.1B	26						
	1								
	5.0	WH	0.1B	22		30.0			
		WH							
		3							
					431.5				
Very dense, wet, brown to grey, Sandy Gravel 78% Sand; 9% Silt 3% Clay; 10% Gravel									
	11		15						
	37								
	45								
					429.0				
Stiff, moist, grey, Clay Loam A-6									
	10.0	4	13			35.0			
		7	1.9S						
		13							
					426.5				
Hard, dry, grey, Clay Shale									
		100/5"							
					15.0	40.0			
Hard, dry, grey, Clay Shale									
		100/6"			421.0				
Bottom of hole = 17.5 ft									
Free water observed at 7.0 ft.									
					20.0	45.0			
Elevations from BM # 18 Cut square in NE corner of concrete drinking fountain base near restrooms N. of Swimming Pool +/- 75 ft south of bridge. Elev = 438.98									
To convert "N" values to "N60" values multiply by 1.25.									
					25.0	50.0			

N-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

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Sheet 1 of 1

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Section: _____ Bored By: Bryan Keller

County: Pope Location: Dixon Springs State Park Checked By: Rob Graeff

D E P T H	B L O W	Qu tsf	W%	Surf Wat Elev: 433.9		D E P T H	B L O W	Qu tsf	W%
				Ground Water Elevation when Drilling	431.6				
Soft, very moist, brown, Silty Clay Loam A-6				At: 4 Hrs: 434.8					
	1	0.4B	25						
	1								
	5.0	WH	0.2B	35		30.0			
		WH							
		3							
					433.8				
Very soft, wet, grey, Silty Clay A-6									
	5.0	WH							
		2	0.2B	35					
		WH							
					431.3				
Medium, moist, grey, Sandy Gravel 71% Sand 9% Silt 4% Clay									
	5		13						
	7								
	4								
					428.3				
16% Gravel									
	10.0	9				35.0			
Hard, dry, grey, Clay Shale									
		100/8"			427.3				
Bottom of hole = 11.0 ft									
No free water observed.									
Elevations from BM # 18 Cut square in NE corner of concrete drinking fountain base near restrooms N. of Swimming Pool +/- 75 ft south of bridge.									
					15.0	40.0			
To convert "N" values to "N60" values multiply by 1.25.									
					20.0	45.0			
					25.0	50.0			

N-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOGS
DIXON SPRINGS STATE PARK
ROAD OVER HILLS BRANCH
POPE COUNTY
STRUCTURE NO. 076-9924
DESIGNED BY: MJG DRAWN BY: DJM
DATE: 11/30/05 CHECKED BY: MSW