

ILLINOIS DEPARTMENT OF TRANSPORTATION  
District Nine Materials

Bridge Foundation  
Boring Log  
Sheet 1 of 2

FAP 885 (IL 146) Over Flat Lick Branch  
 No. : FAP 885 (IL 146) Structure Number: 076-0009 Date: 7/2/2010  
 Section 112-BDR Bored By: R Moberly  
 County: Pope Location: 4.2 mile East of IL 145 Checked By: R Graeff

Boring No	Station	Offset 8' Lt CL	Ground Surface	Soils				Surf Wat Elev:	Ground Water Elevation when Drilling	At Completion	Hrs:	Soils			
				D	B	Qu	W%					D	B	Qu	W%
			353.3 Ft												
Asphalt and concrete over crushed aggregate								Stiff, moist, brown, Silty Clay to Clay A7-6				4 1.3B 22			
351.8								328.3							
Soft to medium, very moist, grey, Silty Clay to Silty Clay Loam A-6				WH 0.5B 26				Very stiff, moist, brown, Clay A7-6				4 9 3.9B 22			
348.8															
Stiff, moist, grey, Silty Clay Loam A-6				5.0 1 1.6B 24								30.0 3 9 3.9B 22			
348.3															
Soft, very moist, grey, Silty Clay A-6				WH 0.3B 30								3 6 2.4B 21			
343.8								318.8							
Medium, very moist, grey, Clay A7-6				10.0 WH 0.7B 28				Stiff, moist, grey, Clay A7-6				35.0 1 3 1.6B 31			
341.3								316.3							
Stiff, moist, brown mottled grey, Clay A7-6				1 2 1.4B 23				Medium, very moist, grey, Clay A7-6				WH 2 0.9B 24			
313.8								313.8							
				15.0 1 4 1.9B 23				Medium, very moist, grey, Silty Clay to Clay A-6				43.0 WH 1 0.7B 24			
336.3															
Very stiff, moist, brown mottled grey, Clay A7-6				2 5 3.1B 25								308.8			
328.8								303.3				50.0 1			
				25.0 2											

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

Sheet 2 of 2  
Date: 7/2/2010

FAP 885 (IL 146)  
 Section: 112-BDR  
 County: Pope

Boring No	Station	Offset 8' Lt CL	Ground Surface	Soils				Surf Wat Elev:	Ground Water Elevation when Drilling	At Completion	Hrs:	Soils			
				D	B	Qu	W%					D	B	Qu	W%
			353.3 Ft												
Very stiff, moist, grey, Clay A7-6								3 2.2B 22							
298.8															
Medium, very moist, grey, Clay A7-6				55.0 WH 2 0.8B 18								80.0			
293.3								60.0 3				85.0			
Hard, damp, brown and grey, Weathered Clay Shale with Sandstone layers								32 38							
290.8								12							
Hard, damp to dry, grey, Sandy Clay Shale								100/10"							
288.8															
Bottom of hole = 83.3 feet								65.0				90.0			
Free water observed at 27.0 feet															
Elevation referenced to BM at NE corner; Elev. = 351.5 feet															
To convert "N" value to "N60" multiply by 1.25															
								70.0				85.0			
								75.0				100.0			

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

PRINT DRIVER: LEO E. BARNETT  
 LEO E. BARNETT  
 MAKE MAKE  
 FILE NAME: 8/2/2013 11:42:08 AM



USER NAME = has	DESIGNED - SHL 12/12	REVISED -
ESCA PROJECT NO. 988.12	CHECKED - RDP 03/13	REVISED -
PLOT SCALE = 0.2" = 1' IN.	DRAWN - HAS 12/12	REVISED -
PLOT DATE = 8/2/2013 11:42:08 AM	CHECKED - SHL 03/13	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS  
STRUCTURE NO. 076-0032**

SHEET NO. 21 OF 21 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	112B-1	POPE	56	43
CONTRACT NO. 78230				
ILLINOIS FED. AID PROJECT AID				