

ILLINOIS DEPARTMENT OF TRANSPORTATION District Nine Materials				Bridge Foundation Boring Log Sheet 1 of 1					
FAP 132 (IL 145) Over IL 146		Structure Number: 076-0016		Date: 12/4/2007		Bored By: R Moberly			
Section 12 HB		Location: Jct IL 145 and IL 146		Checked By: R Moberly		County: Pope			
Boring No 1-S	DEPT	BLOS	Qu	W%	Surf Wat Elev:	DEPT	BLOS	Qu	W%
Station 32' N of N Abut					Ground Water Elevation				
Offset 10' W CL					when Drilling 428.8				
Ground Surface 455.8 Ft	H	S	tsf	W%	At Completion	H	S	tsf	W%
					At: Hrs:				
Asphalt, Concrete and aggregate					Stiff, moist, brown, Silty Clay A-6		4	1.4B	22
							6		
					428.8				
					Very stiff, moist, brown, Clay A7-6		1		
							4	2.5B	21
452.3							6		
Stiff, moist, grey, Silty Clay to Clay A7-6									
	5.0	1					30.0	1	
		3	1.2B	26				5	2.1B
		3						12	21
					424.3				
					Hard, damp, brown, Clay Shale				
		1						25	
		4	1.2B	23				100/8"	
		4							
	10.0	1					35.0	25	
		3	1.1B	19				100/8"	
		3							
					Bottom of hole = 49.7 feet				
443.8					Free water observed at 27.0 feet				
Medium, moist to very moist, grey, Silty Clay A-6		1			Elevation referenced to BM USGS 10 FWK 1960= 456.3 ft			27	
		1	0.8B	26				100/6"	
		2							
441.3					To convert "N" values to "N60" values multiply by 1.25		40.0	37	
Stiff, moist, brown, Silty Clay A-6	15.0	1						100/7"	
		3	1.5B	20					
		3							
438.8									
Stiff, moist, brown, Clay A7-6 with Gravel		1							
		3	1.2B	19					
		4							
436.3									
Stiff, moist, red brown, Clay to Silty Clay A7-6	20.0	1			Hard, dry, grey, Clay Shale	45.0		100/5"	
		3	1.8B	21					
		6							
433.8									
Medium, moist to very moist, grey, Silty Clay A-6		1							
		3	0.8B	23					
		5							
431.3									
	25.0	1					405.8	50.0	100/2"

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

ILLINOIS DEPARTMENT OF TRANSPORTATION District Nine Materials				Bridge Foundation Boring Log Sheet 1 of 1					
FAP 132 (IL 145) Over IL 146		Structure Number: 076-0016		Date: 12/5/2007		Bored By: R Moberly			
Section 12 HB		Location: Jct IL 145 and IL 146		Checked By: R Moberly		County: Pope			
Boring No 2-S	DEPT	BLOS	Qu	W%	Surf Wat Elev:	DEPT	BLOS	Qu	W%
Station 31' S of S Abut					Ground Water Elevation				
Offset 10' E CL					when Drilling 439.4				
Ground Surface 456.4 Ft	H	S	tsf	W%	At Completion	H	S	tsf	W%
					At: Hrs:				
Asphalt, Concrete and aggregate					Stiff, moist, brown, Clay to Silty Clay A7-6		4	1.2B	20
							6		
					429.4				
					Very stiff, moist, red brown, Clay A7-6		1		
452.9							5	2.7B	25
							9		
Medium, moist to very moist, grey, Clay to Silty Clay A7-6									
	5.0	1					30.0	37	
		2	0.8B	26				100/8"	
		3							
449.4									
Stiff, moist, grey, Clay to Silty Clay A7-6		1						30	
		4	1.2B	20				100/6"	
		4							
446.9									
Stiff, moist, brown, Silty Clay A-6	10.0	1					35.0	30	
		3	1.8B	18				100/6"	
		5							
444.4									
Stiff, moist, grey, Clay to Silty Clay A7-6		1			Hard, dry, grey, Clay Shale			100/7"	
		3	1.6B	22					
		3							
441.9									
Stiff, moist, grey, Silty Clay A-6 with Gravel	15.0	1					40.0	100/8"	
		4	1.4B	18					
		5							
439.4									
Very stiff, moist, brown, Silty Clay A-6		2							
		4	2.3B	18					
		6							
436.9									
Very stiff, moist, brown, Clay A7-6	20.0	2					411.4	45.0	100/2"
		4	2.1B	24					
		5							
434.4					Bottom of hole = 44.7 feet				
					Free water observed at 17.0 feet				
Soft, very moist, grey, Silty Clay A-6		1			Elevation referenced to BM USGS 10FWK 1960= 456.3 ft				
		2	0.4B	25					
		3							
431.9					To convert "N" values to "N60" values multiply by 1.25				
	25.0	1					50.0		

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