

ILLINOIS DEPARTMENT OF TRANSPORTATION
 District Nine Materials
 Bridge Foundation Boring Log
 Sheet 1 of 1
 FAP 332 (IL 1) Over Flanders Creek
 Route: FAP 332 (IL 1) Structure Number: 097-0010 Date: 10/21/2008
 Section 3-B-Y Bored By: Rich Moberly
 County: White Location: 3 Miles South of Carmi Checked By: Rob Graeff

Boring No 1-S Station 381+92 Offset 13' Lt CL Ground Surface 385.5 Ft	D E P T H	B L O W S	Qu tsf	W%	Surf Wat Elev: 372.8 Ground Water Elevation when Drilling 358.5 At Completion 360.5 At: Hrs:	D E P T H	B L O W S	Qu tsf	W%
Asphalt					Very Dense, damp, grey, Weathered Clay Shale and Sandstone	12	30		
384.5									
Stiff, moist, brown, Silty Clay A-6									
		1			358.0		20		
		2	1.2P	20	V Dense, dr. gr, Sandstone 357.5		100/4"		
		3							
					Bottom of hole 27.8 feet				
		5.0	1		Free water observed at 27.0 ft	30.0			
		2	1.2B	13	Elevation referenced to BM @ NE Wingwall = 381.2 feet				
		3			To convert "N" values to "N60" multiply by 1.25				
378.5		1							
Soft, very moist, brown, Silty Clay Loam to Silt Loam A-4		2	0.4B	28					
		1							
376.0									
Stiff, moist, brown, Clay Loam A-6	10.0	1							
		4	1.2B	17					
		5							
373.5									
Stiff, moist, brown mottled grey, Clay to Clay Loam A7-6		2							
		4	1.2B	19					
		4							
371.0									
Very stiff, moist, brown mottled grey, Clay A7-6	15.0	1							
		5	2.7B	20					
		8							
		1							
		4	2.3B	18					
		5							
366.0									
Stiff, moist, grey, Clay A7-6	20.0	1							
		3	1.5S	21					
		4							
		1							
		3	1.2S	28					
		3							
360.5	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)

BORING 1-S

ILLINOIS DEPARTMENT OF TRANSPORTATION
 District Nine Materials
 Bridge Foundation Boring Log
 Sheet 1 of 1
 FAP 332 (IL 1) Over Flanders Creek
 Route: FAP 332 (IL 1) Structure Number: 097-0010 Date: 10/20/2008
 Section 3-B-Y Bored By: Rich Moberly
 County: White Location: 3 Miles South of Carmi Checked By: Rob Graeff

Boring No 2-S Station 382+55 Offset 14' Rt CL Ground Surface 386.0 Ft	D E P T H	B L O W S	Qu tsf	W%	Surf Wat Elev: 372.8 Ground Water Elevation when Drilling 359 At Completion At: Hrs:	D E P T H	B L O W S	Qu tsf	W%
Asphalt					Medium, very moist, gray, Clay Loam to Silty Clay Loam A-4	3	0.7S	25	
385.0									
Stiff, moist, brown, Silty Clay A-6									
		1			358.5		3		
		3	1.4B	16	Hard, dry, grey, Sandy Clay Shale		100/4"		
		3							
					356.5				
		5.0	1		Hard, dry, grey, Clay Shale with Sandstone layers	30.0	100/4"		
		3	1.5B	21					
		3							
379.0									
Medium, very moist, brown, Silty Clay Loam to Silt Loam A-4		1			Cored from 32.0 to 37.0 feet		100/2"		
		2	0.7B	27	100% Rec, 50% RQD				
		1							
376.5									
Stiff, moist, brown, Loam to Silt Loam A-4	10.0	1			Hard, dry, grey, Sandstone with Clay Shale layers				35.0
		1	1.1S	14					
		5							
374.0									
Very Stiff, moist, brown, Clay A7-6		2			Bottom of hole = 37.0 feet				
		5	3.1B	18	Free water observed at 27.0 feet				
		8							
		15.0	2		Elevation referenced to BM @ NE Wingwall = 381.2 feet				40.0
		5	2.9B	19					
		8			To convert "N" values to "N60" multiply by 1.25				
369.0									
Stiff, moist, grey, Clay A7-6		1							
		3	1.2B	21					
		4							
		20.0	1						45.0
		3	1.2B	22					
		3							
		1							
		2	1.2B	22					
		4							
361.0	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)

BORING 2-S