

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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District Nine Materials

Bridge Foundation  
Boring Log

FAP 877 (IL 141) Over Trib Cane Creek  
Route: FAP 877 (IL 141) Structure Number: 097-0037 Date: 10/3/2007  
Section 101-BR-3 Bored By: RM  
County: White Location: T7S, R9E, Sec 16 Checked By: RM

Boring No 1-S Station 239+36 Offset 10' Lt CL Ground Surface 392.5Ft	D E P T H	B L O W S	Qu tsf	W%	Surf Wat Elev: 375.0	D E P T H	B L O W S	Qu tsf	W%
					Ground Water Elevation when Drilling 362.5 At Completion At: Hrs:				
Asphalt, Concrete and soil					375.0		2	0.9B	33
					365.5		3		
Medium, moist to very moist, brown mottled grey, Silty Clay to Silty Clay Loam A-6		1	0.8B	23			1		
		2					2	0.7B	24
		2					1		
388.0									
Stiff, moist, grey mottled brown, Silty Clay Loam A-4	5.0	2	1.7S	18		30.0	1		
		4					1	0.9B	22
		5					2		
					360.5				
		1					1		
		3	1.1S	20			1	0.7B	23
		4					2		
	10.0	1				35.0	1		
		3	1.2B	22			2	0.8B	22
		4					2		
380.5									
Medium to stiff, very moist, grey mottled brown, Silty Clay A-6		1			355.0		8		
		2	1.0B	23			22		
		3					48		
					353.0				
	15.0	1				40.0	100/2"		
		2	0.7B	26					
		3							
		1							
		2	0.9B	27					
		2							
373.0									
Stiff, very moist, grey mottled brown, Clay to Silty Clay A7-6	20.0	1				45.0	100/3"		
		2	1.6B	28					
		2							
370.5									
Medium, very moist, grey mottled brown, Clay to Silty Clay A7-6		1							
		2	0.7B	30					
		2							
368.0									
	25.0	1			342.5	50.0	100/3"		

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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Section 101-BR-3 Bored By: RM  
County: White Location: T7S, R9E, Sec 16 Checked By: RM

Boring No 2-S Station 240+28 Offset 10' Rt CL Ground Surface 392.5Ft	D E P T H	B L O W S	Qu tsf	W%	Surf Wat Elev: 375.0	D E P T H	B L O W S	Qu tsf	W%
					Ground Water Elevation when Drilling 367.5 At Completion At: Hrs:				
Asphalt, Concrete and Aggregate					375.0				
					365.5				
Medium, very moist, brown, Sandy Loam A-4							13		15
							13		
75% Sand, 15% Silt, 10% Clay									
390.5									
Stiff to medium, moist to very moist, grey, Silty Clay Loam A-6		2					4		
		5	1.1S	16			7	4.1S	20
		5					6		
	5.0	3					30.0	6	
		3	0.9S	23				19	
		3						27	
					360.5			15	
		3	1.1S	21				100/8"	
		3							
		3							
	10.0	1					35.0	100/2"	
		3	1.1S	22					
		3							
380.5									
Medium, very moist, grey mottled brown, Silty Clay A-6		1							
		2	0.9B	23					
		3							
					378.0				
Stiff, very moist, grey mottled brown, Silty Clay A-6	15.0	1					40.0		
		2	1.5B	25					
		3							
		1							
		2	1.4B	25					
		2							
373.0									
Medium, very moist, brown mottled grey, Silty Clay A-6	20.0	1					45.0		
		2	0.7B	26					
		2							
370.5									
Medium, very moist, brown mottled grey, Sandy Clay Loam A-4		2							
		5	0.8S	18					
		11							
367.5	25.0	10					50.0		

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

SOIL BORINGS  
STRUCTURE NO. 097-0073

 <b>LIN ENGINEERING, LTD.</b> Consulting Engineers Chatham, Illinois Designed By: SGL Date: 3/2009 Checked By: ESH File: 097-0073.dgn Drawn By: SGL	SHEET NO. 17	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	17 SHEETS	877	101B-1	WHITE	42	32
	CONTRACT NO. 78084					
		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		