ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Date 9/30/09

ROUTE IL 41 DESCRIPTION Bridge Over Gallett Creek

SECT. 12BR-1 STRUCT. NO. 029-0072 DRILLED BY B. Williamson

COUNTY Fulton LOCATION 40°37'47.6"N,90°26'07.9"W S. 31 , TWP. 8N , RNG. 1E

Boring No. B-2 S. Abutment
Station 402+65
Offset 39.00ft RT
Surface Elev. 620.90 ft

Surface Water Elev. —
Groundwater Elev.:
when drilling 601.9
at Completion 608.9
after — Hrs. —

DEPTH	BLOWS		Qu tsf	W %
	Stiff brown-dark brown SILTY CLAY LOAM, moist			
	t very moist			
	2 4 4	P	1.0	25
	2 2 3	P	1.25	31
-5				
614.90	Very soft dark brown SILTY CLAY LOAM, some organics, very moist			
	1 2 1	P	0.25	31
	1 2 1	P	0.25	37
-10				
	1 1 2	P	0.25	36
	1 1 1	P	0.25	40
-15				
	4 4 4	P	0.25	35
602.90	Stiff dark brown SILTY LOAM, very moist			
	1 2 3	P	1.0	42
-20				
	2 3 4	P	1.0	42
597.90	Stiff gray SILTY CLAY LOAM, moist			
	2 3 3	B	1.44	21
-25				

DEPTH	BLOWS		Qu tsf	W %
	Medium stiff to stiff gray SILTY CLAY LOAM, moist			
	1 2 3	B	0.78	23
	2 2 4	B	1.31	20
-30				
	4 7 10	P	1.5	22
-35				
583.90	Very dense gray SHALE			
	35 50/5"			14
-40				
	50/2"			6
-45				
	17 33 50/3"			15
-50				

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

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STRUCTURE NO. 029-0072
ROUTE IL 41
SECTION 12BR-1
COUNTY Fulton

Boring No. B-2 S. Abutment
Station 402+65
Offset 39.00ft RT
Elevation 570.90 ft

DEPTH	BLOWS		Qu tsf	W %
	Very dense gray SHALE			
566.40	27 50/4"			12
-55				
	End of Boring at 54.5			
-60				
-65				
-70				
-75				

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS STRUCTURE NO. 029-0072	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -			574	12BR-1	FULTON	62	42
	PLOT SCALE =	DRAWN -	REVISED -						CONTRACT NO. 68732	
	PLOT DATE =	CHECKED -	REVISED -		SHEET NO. 19 OF 19 SHEETS			ILLINOIS	FED. AID PROJECT	