

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

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Date 6/10/08

ROUTE 1725 E DESCRIPTION Thompson Mill Covered Bridge: North Approach Span LOGGED BY E. Sandschafer
SECTION D7 Br Appr 2009-1 LOCATION NW 1/4, SEC. 1, TWP. 9 N, RNG. 3 E, 3 PM
COUNTY Shelby DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 087-0019 Station 50+00	BORING NO. 1 Station 51+07 Offset 15.00ft East of Centerline Bridge Ground Surface Elev. 522.19 ft	D (ft)	B (/6")	U (tsf)	M (%)	Surface Water Elev.		D (ft)		B (/6")	U (tsf)	M (%)
						512.36 ft	N/A ft	H	S			
						Very loose, wet, brown, fine grained, SAND w/ black wood fragments. 11% passing #200 sieve.	500.19	1	3			9
						Medium, wet, gray, gravelly, SANDY LOAM. Sand plugged augers.		2	5			11
						Very soft, very damp, brown, SANDY LOAM.		3	4	0.8		19
						Skipped this trip.		0	0	0.1		21
						Very dense, moist, gray, SANDY CLAY SHALE.		0	0	0.1		24
						Borehole continued with rock coring.		0	1	0.0		26
								1	1	0.1		25
								0	1	0.1		23
						Very loose, wet, brown, fine grained, SAND w/ black wood fragments. 7% passing #200 sieve.		0	1			3

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)



ROCK CORE LOG

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Date 6/10/08

ROUTE 1725 E DESCRIPTION Thompson Mill Covered Bridge: North Approach Span LOGGED BY E. Sandschafer
SECTION D7 Br Appr 2009-1 LOCATION NW 1/4, SEC. 1, TWP. 9 N, RNG. 3 E, 3 PM
COUNTY Shelby CORING METHOD Rotary, surf set diamond bit

STRUCT. NO. 087-0019 Station 50+00	BORING NO. 1 Station 51+07 Offset 15.00ft East of Centerline Bridge Ground Surface Elev. 522.19 ft	D (ft)	C (#)	O (%)	R (%)	Q (min/ft)	T (tsf)	C (ft)		S (ft)
								Core Diameter	Begin Core Elev.	
								492.19	491.59	1
								485.39		0.8
								485.69		
								482.39	482.19	

Color pictures of the cores None
Cores will be stored for examination until
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)



DESIGNED: IDOT DRAWN: PTR
CHECKED: DCD CHECKED: DCD

SOIL BORINGS (1 OF 4)
THOMPSON MILL COVERED BRIDGE OVER
KASKASKIA RIVER
STRUCTURE NO. 087-0019

SHEET 9 OF 12	T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	389A	D-7 Bridge Appr. 2009-1	SHELBY	14	11
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CONTRACT NO. 74337	

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