STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation.

Bridge Foundation Boring Log

Sh. 1 of 3 Sh

OJECT _____ BRIDGE Kaskaskia Thompson Mill Covered Date 10/07/85

UTE TR 389 Bridge Replacement Bored By Baker

C. 100BR STA. 108+00 Checked By TGB

OUNTY Shelby

Boring No. 4 (S.Pier)
Station 107+50
Offset 10' Lt

Surface Water El. 506.8
Groundwater El. at Completion DRY
After — Hours —

Elevation	N	Qu t/s.f.	w (%)
Ground Surface 510.4			
SANDY GRAVEL ALLUVIUM 507.9			
	100 @6"	—	—
	100 @9"	—	—
GRAY SHALE BEDROCK	100 @7"	—	—
	100 @3"	—	—
490.4	100 @1½"	—	—
LIMIT OF BORING			

N-Standard Penetration Test-Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".

Qu-Unconfined Compressive Strength - t/sf

w - Water Content - percentage of oven dry weight-%

Type failure:
B - Bulge Failure
S - Shear Failure
E - Estimated Value
P - Penetrometer

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Illinois Department of Transportation.

Bridge Foundation Boring Log

Sh. 2 of 3 Sh

ECT _____ BRIDGE Kaskaskia River Thompson Mill Covered Date 10/07/85

E TR 389 Bridge Replacement Bored By Baker

100 BR STA. 108+00 Checked By TGB

NTY Shelby

Boring No. 5(S.Pier)
Station 107+62
Offset 13' RT

Surface Water El. 506.8
Groundwater El. at Completion 504.9
After — Hours —

Elevation	N	Qu t/s.f.	w (%)
ound Surface 508.4			
SANDY GRAVEL ALLUVIUM 504.9			
	38	—	—
GRAY SHALE BEDROCK	100 @3"	—	—
497.9	100 @7"	—	—
LIMIT OF BORING			

N-Standard Penetration Test-Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".

Qu-Unconfined Compressive Strength - t/sf

w - Water Content - percentage of oven dry weight-%

Type failure:
B - Bulge Failure
S - Shear Failure
E - Estimated Value
P - Penetrometer

Illinois Department of Transportation.

Bridge Foundation Boring Log

Sh. 3 of 3 Sh

ECT _____ BRIDGE Kaskaskia River Thompson Mill Covered Date 10/07/85

E TR 389 Bridge Replacement Bored By BAKER

100 BR STA. 108+00 Checked By TGB

NTY Shelby

Boring No. 6 (S. Pier)
Station 107+30
Offset 5' Lt

Surface Water El. 506.8
Groundwater El. at Completion Dry
After — Hours —

Elevation	N	Qu t/s.f.	w (%)
ound Surface 518.1			
FILL DIRT 515.1			
GRAY SHALE BEDROCK	100 @9"		
509.6			
LIMIT OF BORING			

N-Standard Penetration Test-Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".

Qu-Unconfined Compressive Strength - t/sf

w - Water Content - percentage of oven dry weight-%

Type failure:
B - Bulge Failure
S - Shear Failure
E - Estimated Value
P - Penetrometer

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Johnson, Depp & Quisenberry
CONSULTING ENGINEERS
Springfield, Illinois

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

NOTE:
SOIL BORING INFORMATION ON THIS SHEET IS FOR REFERENCE ONLY, AND IS TAKEN FROM THE 1987 PLANS FOR THE ADJACENT TR 389 BRIDGE, LOCATED ABOUT 150 FEET UPSTREAM FROM THE COVERED BRIDGE.

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

SHEET 12 OF 12

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
389A	D-7 Bridge Appr. 2009-1	SHELBY	14	14
	STA. 50+00	CONTRACT NO. 74337		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE: 02/04/2009 16:39:54 USER: DCD FILE: J:\JDQ\I0161L-D7VV#4 Thompson Mill Covered Bridge\I-ThompsonMill\09borings.dgn