



Illinois Department of Transportation  
Division of Highways  
SCI Engineering, Inc.

### SOIL BORING LOG

Page 1 of 1

Date 01/24/13

ROUTE F.A.P. 626 DESCRIPTION Illinois 97 over Spoon River, Proposed Pier 3 LOGGED BY SCI (ART)

SECTION (44-B-1)BR LOCATION NW 1/4, SEC. 10, TWP. 9N, RNG. 3E, 4<sup>th</sup> PM

COUNTY Knox DRILLING METHOD CME 750 Track with 3 1/4 HSA HAMMER TYPE Automatic

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	D	B	U	M
048-0100 (Proposed)	1969+15.00	B-104	1968+45	25.0 ft LT	547.7	(ft)	(/6")	(tsf)	(%)	538.8	530.0	(ft)	(/6")	(tsf)	(%)
GRASS COVER - 2 inches										CLAYEY SHALE: Light gray and tan					
CLAY: Brown, A-6															
						2				524.7					
						2	1.0	P	26						
						4									
						2				SHALE: Light gray					
						3	0.8	B	26						
						3									
SILTY CLAY: Brown, A-6						-5									
						1	0.3	P	29						
						2									
						1									
						0	0.3	P	31						
						1									
						-10									
SAND: Brown, fine, A-3						1	0.3	P	31						
						1									
With gravel						2		NC		Becomes dark gray, trace fine sand					
						5				Boring terminated at 33.9 ft.					
						8									
SAND: Brown, fine to coarse, with gravel, A-1						4									
						5									
						5									
						2									
						3									
						7									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)



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Date 01/23/13

ROUTE F.A.P. 626 DESCRIPTION Illinois 97 over Spoon River, Proposed Pier 4 LOGGED BY SCI (ART)

SECTION (44-B-1)BR LOCATION NW 1/4, SEC. 10, TWP. 9N, RNG. 3E, 4<sup>th</sup> PM

COUNTY Knox DRILLING METHOD CME 750 Track with 3 1/4 HSA HAMMER TYPE Automatic

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	D	B	U	M
048-0100 (Proposed)	1969+15.00	B-105	1968+50	25.0 ft LT	548.7	(ft)	(/6")	(tsf)	(%)	538.8	530.0	(ft)	(/6")	(tsf)	(%)
GRASS COVER - 3 inches										CLAYEY SHALE: Light gray					
SILTY CLAY LOAM: Brown, A-6															
						1									
						2	0.5	P	26						
						2									
						2									
						2	1.0	P	20						
						3									
A-6 (15)						-3									
						1				Trace fine sand					
						3	<0.5	P	23						
						2									
						1									
						3									
						2									
SILTY CLAY: Brown, A-6						0	0.7	B	29						
						1									
						-10									
SILTY CLAY LOAM: Brown, A-6						0	0.4	B	29						
						1									
SANDY CLAY LOAM: Brown, A-4						1	0.3	P	27						
						1									
SANDY LOAM: Brown, A-2						0									
						2		NC	21						
						6									
						-15									
SAND: Brown, fine to coarse, with gravel, A-2						4									
						5									
						4									
						5									
						7									
						5									

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AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)



USER NAME =	DESIGNED -	REVISED
	CHECKED -	REVISED
PLOT SCALE =	DRAWN -	REVISED
PLOT DATE =	CHECKED -	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS  
STRUCTURE NO. 048-0100

SHEET NO. 54 OF 62 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
626	(44-B-1)BR	KNOX	122	84
CONTRACT NO. 68759				

ILLINOIS FED. AID PROJECT