



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

SOIL BORING LOG

Page 1 of 2

Date 1/14-15/2013

ROUTE F.A.P. 626 DESCRIPTION Illinois 97 over Spoon River, Proposed North Abutment LOGGED BY SCI (HHF)
SECTION (44-B-1)BR LOCATION NW 1/4, SEC. 10, TWP. 9N, RNG. 3E, 4th PM
COUNTY Knox DRILLING METHOD CME 750 Track w/ 3 1/4 HSA & M.R. 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-108	1973+62.5	16.5 ft LT	559.2	(ft)	(/6")	(tsf)	(%)	538.8	530.0	(ft)	(/6")	(tsf)	(%)
ASPHALT - 10 inches															
FILL: Dark brown clay loam, A-6															
Fine sand lens															
SANDY LOAM: Brown, trace gravel, A-2															
FILL: Dark gray, loam, A-6															
SAND: Gray and brown, trace gravel, A-2 Large rock wedged in sampler															
CLAY LOAM: Dark brown, A-6															
SILTY CLAY LOAM: Dark brown, A-6															
CLAY: Dark brown, A-6															
SILTY CLAY LOAM: Dark brown, A-6															
CLAY: Dark brown, A-6															
SILTY CLAY LOAM: Dark brown, A-6															
Becomes dark gray															

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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CLAYEY SHALE: Light gray (continued)															
Harder drilling observed															
SHALE: Dark gray, trace fine sand															
Boring terminated at 48.9 ft.															

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOGS
STRUCTURE NO. 048-0100**
SHEET NO. 58 OF 62 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
626	(44-B-1)BR	KNOX	122	88
CONTRACT NO. 68759				
ILLINOIS FED. AID PROJECT				