



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

SOIL BORING LOG

Date 5/22-23/2013

ROUTE FAP 626 DESCRIPTION Illinois 97 over Spoon River, Proposed Pier 5 LOGGED BY SCI (HHF)
SECTION (44-B-1)BR LOCATION NW 1/4, SEC. 10, TWP. 9N, RNG. 3E, 4th PM,
Latitude, Longitude
COUNTY Knox DRILLING METHOD CME 550 Track w/ 3" Casing & M.R. HAMMER TYPE Manual

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	D	B	U	M
048-0100 (Proposed)	1969+15.00	E	L	C	O	538.8	530.0	E	L	C	O
BORING NO.	Station	P	O	S	I	Groundwater Elev.:	First Encounter	P	O	S	I
B-106X	1970+45	T	W	S	Q	Upon Completion	After	H	S	Q	T
Offset	Ground Surface Elev.	H	S	Qu	T	N/A	N/A	(ft)	(/6")	(tsf)	(%)
45.0 ft RT	559.4	(ft)	(/6")	(tsf)	(%)	ft	ft	(ft)	(/6")	(tsf)	(%)
Mud rotary drilling											
ASPHALT - 1.75 inches											
REINFORCED CONCRETE - 8 inches											
Open air below bridge deck											
Existing ground surface											
Began mud rotary drilling											

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 BSS, form 137 (Rev. 8-99)



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45.0 ft RT	559.4	(ft)	(/6")	(tsf)	(%)	ft	ft	(ft)	(/6")	(tsf)	(%)
Mud rotary drilling (continued)											
Borehole continued with rock coring.											

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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. 59 OF 62 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
626	(44-B-1)BR	KNOX	122	89
CONTRACT NO. 68759				

ILLINOIS FED. AID PROJECT