

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114BR	LIVINGSTON	43	31
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

Page 1 of 3
SHEET NO. B14
OF 14 SHEETS



SOIL BORING LOG

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Date 3/22/05

ROUTE SBI 315 (Ill. 116) DESCRIPTION Bridge over 5 mile Creek west of Ill 47 LOGGED BY LM
SECTION 114BR LOCATION SE 1/4, SEC. 16, TWP. 28, RNG. 7E, 3rd PM
COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.	(ft)	(/ft)	(tsf)	(%)
053-0076	585+14.5	2 East Abutment	585+46.5	18.00R RT	677.24					665.91										
Cored Bituminous Concrete & Augered White CA6																				
Very Stiff Gray Silty Clay Loam Till (continued)																				
855.74																				
Stiff Gray Silty Clay Loam till w/ Silt & Fine Sand/ Fine Gravel layers @ 23'																				
672.74																				
Very Stiff Black, Gray, Brown Silty Clay/ Silty Clay Loam Fill																				
645.74																				
Very Stiff Gray Silty Clay Loam Till w/ hard Silt Layers @ 61'																				
662.74																				
Very Stiff Gray Silty Clay Loam Till																				

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)



SOIL BORING LOG

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Date 3/22/05

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COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

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053-0076	585+14.5	2 East Abutment	585+46.5	18.00R RT	677.24					665.91										
Very Stiff Gray Silty Clay Loam Till w/ hard Silt Layers @ 61' (continued)																				
800.24																				
Hard Gray Silty Clay Loam Till																				

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)



SOIL BORING LOG

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COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.	(ft)	(/ft)	(tsf)	(%)
053-0076	585+14.5	2 East Abutment	585+46.5	18.00R RT	677.24					665.91										
Hard Gray Silty Clay Loam Till (continued)																				
596.24																				
End of Boring																				

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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOGS
F.A.P. 681 (IL116) OVER FIVE MILE CREEK
SECTION 114BR
LIVINGSTON COUNTY
STATION 585+14.50
STRUCTURE NO. 053-0181
DESIGNED BY: JML DRAWN BY: DJM
DATE: 02/05/07 CHECKED BY: MSW