CONTRACT NO. 66565

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	113BR-2	LIVINGSTON	47	36
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. B24

OF 31 SHEETS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 1 of 2

Date 8/25/03

ROUTE FAP 68(IL116) DESCRIPTION ILLINOIS 116 OVER FELKY SLOUGH WEST OF SAUNAMIN LOGGED BY IDOT-LM

SECTION (113) BR-2 LOCATION NW 1/4, SEC. 19, TWP. 28N, RNG. 7E, 3rd PM

COUNTY LIVINGSTON DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO. 053-0075 EXISTING
Station 436+75.00

BORING NO. 02 EAST ABUT
Station 437+43
Offset 11.00ft LT
Ground Surface Elev. 676.43 ft

Surface Water Elev. 663.41 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion WASHED ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CORED ASPHALT & CONCRETE PAVEMENT Over Brown SANDY CLAY LOAM (FILL)	674.43				
Stiff Brown CLAY LOAM (FILL)			2		
			1	1.5	23.0
			3	P	
		-5	2		
			3	2.0	17.0
			3	P	
			1		
			2	1.5	13.0
			3	P	
Medium Brown LOAM	666.93	-10	1		
			2	1.0	16.0
			1	P	
Medium Gray Loamy Fine SAND & Coarse GRAVEL	664.43		5		
			8	-	10.0
			9	-	
		-15	5		
			9	-	9.0
			8	-	
			5		
			7	-	8.0
			9	-	
		-20	4		
Medium Gray Loamy Fine SAND & Coarse GRAVEL *(continued)*			8	-	10.0
			10	-	
Stiff Gray CLAY TILL	653.43				
		-25	3		
			6	1.6	21.0
			9	S	
Medium Gray Slightly Loamy Fine SAND to Medium GRAVEL	648.43				
		-30	4		
			6	-	17.0
			7	-	
Very Stiff Gray CLAY TILL	643.43				
		-35	2		
			5	2.2	22.0
			8	S	
Mediuk Gray Loamy Fine SAND to Medium GRAVEL	637.43	-40	7		

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)

Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 2 of 2

Date 8/25/03

ROUTE FAP 68(IL116) DESCRIPTION ILLINOIS 116 OVER FELKY SLOUGH WEST OF SAUNAMIN LOGGED BY IDOT-LM

SECTION (113) BR-2 LOCATION NW 1/4, SEC. 19, TWP. 28N, RNG. 7E, 3rd PM

COUNTY LIVINGSTON DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO. 053-0075 EXISTING
Station 436+75.00

BORING NO. 02 EAST ABUT
Station 437+43
Offset 11.00ft LT
Ground Surface Elev. 676.43 ft

Surface Water Elev. 663.41 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion WASHED ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Mediuk Gray Loamy Fine SAND to Medium GRAVEL *(continued)*			8	-	12.0
			9	-	
Very Stiff Gray CLAY	633.43				
		-45	5		
			8	3.8	13.0
			13	S	
Hard Gray SILTY CLAY LOAM TILL	629.43				
		-50	7		
			11	4.7	13.0
			14	B	
Very Stiff Gray SILTY CLAY LOAM TILL	623.43				
		-55	5		
			12	3.1	13.0
			12	B	
Stiff Gray SILTY CLAY LOAM TILL	619.43				
		-60	7		
Stiff Gray SILTY CLAY LOAM TILL *(continued)*			12	5.1	13.0
			15	B	
Stiff Gray SILTY CLAY LOAM TILL	613.43				
		-65	2		
			2	1.3	15.0
			3	B	
Very Stiff Gray SILT, Fine SAND & CLAY	609.43				
		-70	7		
			13	2.0	14.0
			9	B	
End of Boring	605.43				
		-75			
		-80			

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 FELKY SLOUGH
SECTION 113BR-2
LIVINGSTON COUNTY
STATION 436+75.00
STRUCTURE NO. 053-0075

DESIGNED BY: JML DRAWN BY: DJM
DATE: 12/09/05 CHECKED BY: MSW