CONTRACT NO. 66407

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	32-3HBR-1	GRUNDY	88	51
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. B24

OF 35 SHEETS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 7/2003

ROUTE FAI 80 DESCRIPTION ASHLEY ROAD OVER FAI 80 WEST OF MORRIS LOGGED BY IDOT-LM

SECTION 32-3HBR-1 LOCATION NE 1/4, SEC. 27, TWP. 34N, RNG. 7E, 3rd PM

COUNTY GRUNDY DRILLING METHOD _____ HAMMER TYPE AUTOMATIC

STRUCT. NO. 032-0057 EXISTING
Station 110+00

BORING NO. 01 SO. ABUT
Station 111+32
Offset 5.50ft RT
Ground Surface Elev. 565.60 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

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

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
AUGERED BITUMINOUS PAVEMENT OVER CA06 AGGREGATE				
563.60				
Very Stiff Brown & Gray SANDY CLAY LOAM with Some SAND Layers (FILL)		4		
		5	2.5	15.0
		6	P	
	-5	5		
		5	2.0	15.0
		5	P	
		6		
557.10		6	–	–
		7	–	
Very Stiff Gray SANDY CLAY LOAM (FILL)				
	-10	3		
		6	2.6	11.0
		4	S	
553.60				
Medium Gray Fine SAND & Medium GRAVEL (FILL)		7		
		8	–	11.0
		12	–	
551.60				
Stiff Gray SANDY LOAM (FILL)				
	-15	3		
		6	1.0	12.0
		3	S	
548.10		2		
Hard Gray SANDY CLAY LOAM (FILL)		7	4.0	10.0
		7	P	
546.60				
Stiff Gray, Black, Green SANDY CLAY LOAM (FILL)	-20	2		

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Stiff Gray, Black, Green SANDY CLAY LOAM (FILL) (continued)		7	1.5	13.0
		11	B	
544.10				
Stiff Gray SANDY LOAM with Fine SAND Layers (FILL)		6		
		9	1.2	10.0
		13	S	
541.60				
Gray & Brown Fine SAND, SANDY CLAY , SANDY CLAY LOAM & LOAMY SAND & GRAVEL INTERBEDDED	-25	7		
		19		12.0
540.10				
Hard Brown SANDY LOAM		19	4.5	10.0
539.10				
Stiff Brown SILT & Fine SAND		5		
		12	1.9	24.0
		12	S	
	-30	4		
		8	1.5	24.0
		13	S	
533.60				
Hard Gray SANDY LOAM TILL		34		
		24	4.5	9.0
		22	S	
	-35	13		
		25	4.0	9.0
		39	S	
	-40			

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
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 2

Date 7/2003

ROUTE FAI 80 DESCRIPTION ASHLEY ROAD OVER FAI 80 WEST OF MORRIS LOGGED BY IDOT-LM

SECTION 32-3HBR-1 LOCATION NE 1/4, SEC. 27, TWP. 34N, RNG. 7E, 3rd PM

COUNTY GRUNDY DRILLING METHOD _____ HAMMER TYPE AUTOMATIC

STRUCT. NO. 032-0057 EXISTING
Station 110+00

BORING NO. 01 SO. ABUT
Station 111+32
Offset 5.50ft RT
Ground Surface Elev. 565.60 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

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

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Hard Gray SANDY LOAM TILL (continued)				
520.60	-45	6		
Hard Gray Varved CLAY & SILT Layers		12	4.0	24.0
		15	S	
515.60	-50	7		
Medium Gray Fine SAND & Medium GRAVEL		15	4.0	12.0
		14	P	
512.60				
Dense Gray SANDY LOAM with Pieces of Weathered Micaceous SANDSTONE				
510.60	-55	140	4.5	13.0
End of Boring				
	-60			

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.I. 80 (I-80)
F.A.U. 5974 (ASHLEY ROAD) OVER I-80
SECTION 32-3HBR-1
GRUNDY COUNTY
STATION 110+00.00 STRUCTURE NO. 032-0113

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