CONTRACT NO. 66407

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	32-3HBR-1	GRUNDY	88	53
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. B26

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 7/3103

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. 03 CENTER PIER
Station 109+81
Offset 19.00ft RT
Ground Surface Elev. 545.59 ft

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

Groundwater Elev.:
First Encounter _____ ft
Upon Completion 538.1 ft ▽
After _____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
AUGERED Brown SANDY LOAM			
543.59			
Very Stiff Brown SANDY CLAY LOAM	3		
	4	2.5	31.0
	6	P	
Medium Brown SANDY LOAM 541.09			
-5	2		
	2	0.5	27.0
	4	S	
539.09			
Medium Brown SILT	4		
▽	6	1.0	33.0
	9	S	
536.59			
Hard Gray SANDY LOAM TILL			
-10	6		
	12	4.0	16.0
	14	P	
534.09			
Hard Gray SANDY CLAY LOAM TILL	7		
	16	7.1	18.0
	12	S	
531.59			
Hard Gray SILTY LOAM TILL			
-15	10		
	16	4.7	16.0
	24	S	
	10		
	23	4.5	14.0
	26	P	
-20	10		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Hard Gray SILTY LOAM TILL (continued)	22	4.5	14.0
	25	P	
	23		
	30	6.5	13.0
	33	S	
521.09			
Hard Gray CLAY LOAM TILL	10		
-25	16	6.6	18.0
	20	S	
517.59			
Gray Fine to Coarse SAND with Fine GRAVEL& SILT			
-30	3		
	5		23.0
	8		
513.59			
Hard Gray SILTY CLAY TILL			
-35	15		
	20	4.5	20.0
510.09	20		14.0
Hard Brown LOAM TILL			
507.59			
Gray SILT, Fine to Coarse SAND & LOAMY Fine GRAVEL			
-40	10		

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 7/3103

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. 03 CENTER PIER
Station 109+81
Offset 19.00ft RT
Ground Surface Elev. 545.59 ft

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

Groundwater Elev.:
First Encounter _____ ft
Upon Completion 538.1 ft ▽
After _____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray SILT, Fine to Coarse SAND & LOAMY Fine GRAVEL (continued)	10	-	20.0
	12	-	
503.59			
Hard Gray SILTY CLAY (WEATHERED SHALE)			
-45	20		
	28	6.5	17.0
	34	S	
499.59			
Dense Green/Gray SHALE			
-50	17		
	42	7.5	23.0
	100	S	
494.59			
End of Boring			
-55			
-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