STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 066	2(B&G)R	McHENRY	66	39
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 8
8 SHEETS

#62391

Illinois Department of Transportation
Division of Highways
Illinois Dept of Transportation

SOIL BORING LOG

Page 1 of 2

Date 2/8/02

ROUTE FAP Route 66 DESCRIPTION US 14 Over Lawrence Creek LOGGED BY Tal Salaymeh

SECTION _____ LOCATION NE1/4, SEC. 1, TWP. 46N, RNG. 5E, 3rd PM

COUNTY McHenry DRILLING METHOD CME-750, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO. 056-2000(Exis.) 056-3168 (Prop.)
Station 110+00

BORING NO. B-2D
Station 109+65
Offset 16.00ft LT of CL
Ground Surface Elev. 960.12 ft

Surface Water Elev. 953.22 ft
Stream Bed Elev. 952.72 ft

Groundwater Elev.:
First Encounter 952.6 ft ▼
Upon Completion 953.0 ft ▽
After ____ Hrs. ____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown SAND and GRAVEL (Shoulder)	958.12				
Stiff Brown SANDY LOAM			1		
			3	1.3	18
			19	P	
		-5	2		
			3	1.5	21
			4	P	
	953.12				
Medium Dense Light Brown Coarse SAND and Fine GRAVEL (Water Content at 8.5 Ft. is questionable)	952.62 ▼		4		
			7		39
			7		
		-10	5		
Grades to Fine Sand	949.12		7		12
Start Washing	948.62		10		
			10		
Grades to Dense	946.62		17		15
			28		
		-15	7		
Very Stiff Grayish Brown SILTY CLAY, Trace Pebbles	944.62		8	2.5	13
			9	B	
End Washing	943.12				
	942.12		3		
Grades to Stiff			4	1.7	13
			5	B	
	940.12	-20			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Stiff Grayish Brown SILTY CLAY, Trace Pebbles (continued)			2		
			3	1.2	13
			5	B	
			2		
			4	1.0	12
			4	B	
	935.62				
Stiff Dark Mottled Olive Gray SILTY LOAM, Trace Pebbles		-25	3		
			3	1.2	20
			5	B	
			2		
			4	1.4	20
			5	B	
		-30	4		
Grades to Very Stiff	929.12		6	3.3	23
			8	B	
		-35	4		
	924.62				
Very Stiff Gray SILTY CLAY, Trace Pebbles			7	3.3	11
			10	B	
		-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)

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Date 2/8/02

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COUNTY McHenry DRILLING METHOD CME-750, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO. 056-2000(Exis.) 056-3168 (Prop.)
Station 110+00

BORING NO. B-2D
Station 109+65
Offset 16.00ft LT of CL
Ground Surface Elev. 960.12 ft

Surface Water Elev. 953.22 ft
Stream Bed Elev. 952.72 ft

Groundwater Elev.:
First Encounter 952.6 ft ▼
Upon Completion 953.0 ft ▽
After ____ Hrs. ____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very Stiff Gray SILTY CLAY, Trace Pebbles (continued) Grades with fine Gravel	919.12		4		
			9	4.1	11
			11	B	
		-45	4		
			9	4.3	9
			22	B	
	913.62				
Wash from 11.5 to 16.5 Ft. End of Boring		-50			
		-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)

DESIGNED	RFS
CHECKED	LLP
DRAWN	JPO
CHECKED	RFS

20
EXAMINED
ENGINEER OF BRIDGE DESIGN
PASSED
ENGINEER OF BRIDGES AND STRUCTURES

BORING LOG 2D
U.S. ROUTE 14
(NORTHWEST HIGHWAY)
OVER LAWRENCE CREEK
FAP 066 SECTION 2(B&G)R
McHENRY COUNTY
STATION 110+00.00
STRUCTURE NO. 056-0074