

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	COUNTY	SHEETS	SHEET	SHEET NO. 6
F.A.P. 066	21B&G/R	McHENRY	66	38	8 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FULL-SCALE PROJECT			

#62391



SOIL BORING LOG

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Date 1/29/02

ROUTE FAP Route 66 DESCRIPTION US 14 Over Lawrence Creek LOGGED BY Tal Salaymeh  
SECTION \_\_\_\_\_ LOCATION NE1/4, SEC. 1, TWP. 46N, RNG. 5E, 3<sup>rd</sup> PM  
COUNTY McHenry DRILLING METHOD CME-750, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO. Station	BORING NO. Station	Offset	Ground Surface Elev.	DEPTHS				Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.: First Encounter Upon Completion After	DEPTHS	BULGE	SHEAR	MOISTURE
				(ft)	(ft)	(ft)	(ft)							
056-2000(Exis.) 056-3168 (Prop.) 110+00	B-1 110+20	17.00R RT of CL	960.30					953.22 952.72	953.3 953.1					
Brown SAND and GRAVEL (Shoulder)														
			958.30											
Medium Stiff Brown SANDY LOAM														
				2										
				3	1.0	11								
				3	P									
			955.80											
Medium Dense Light Brown SAND and GRAVEL														
				4										
				5		7								
				7										
				4										
				8		13								
				18										
				4										
				9		10								
				19										
Grades with Fine Sand														
				12		10								
				25										
				23										
				5										
				10		12								
				8										
			943.30											
Very Stiff Grayish Brown SILTY CLAY with Trace Pebbles														
				4										
				8	2.1	12								
				9	B									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
1 = 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	JPG
CHECKED	RFS

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



SOIL BORING LOG

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Date 1/29/02

ROUTE FAP Route 66 DESCRIPTION US 14 Over Lawrence Creek LOGGED BY Tal Salaymeh  
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COUNTY McHenry DRILLING METHOD CME-750, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO. Station	BORING NO. Station	Offset	Ground Surface Elev.	DEPTHS				Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.: First Encounter Upon Completion After	DEPTHS	BULGE	SHEAR	MOISTURE
				(ft)	(ft)	(ft)	(ft)							
056-2000(Exis.) 056-3168 (Prop.) 110+00	B-1 110+20	17.00R RT of CL	960.30					953.22 952.72	953.3 953.1					
Very Stiff Gray SILTY CLAY with Trace Pebbles (continued)														
				4										
				6	2.9	11								
				8	B									
				5										
				14	2.1	20								
				10	B/S									
			935.80											
Medium Stiff Dark Mottled Olive Gray SILTY LOAM														
				3										
				4	0.8	34								
				5	B									
				3										
				7	2.5	11								
				8	B									
			913.80											
Wash from 12.5 to 21.5 feet. End of Boring														

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1 = SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

BORING LOG 1  
U.S. ROUTE 14  
(NORTHWEST HIGHWAY)  
OVER LAWRENCE CREEK  
FAP 066 SECTION 21(B&G/R)  
McHENRY COUNTY  
STATION 110+00.00  
STRUCTURE NO. 056-0074