

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 2 of 2

Date 11/8/04

ROUTE I 80 DESCRIPTION Minooka Road Overpass LOGGED BY Larry Meyers

SECTION (32.47-4)HBR-2 LOCATION NE 1/4, SEC. 4, TWP. 34N, RNG. 9E, 3<sup>rd</sup> PM

COUNTY Grundy DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station	BORING NO. Station	Offset	Ground Surface Elev.	SOIL				Surface Water Elev.	Stream Bed Elev.	SOIL			
				DEPTH	TEST	W	Qu			DEPTH	TEST	W	Qu
032-0046 2 West Abutment 48+47 6.50ft Lt 574.05	2 West Abutment 48+47 6.50ft Lt 574.05	6.50ft Lt	574.05	25			3.3			11	2.0	16.8	Very Stiff Gray Silty Loam/Loam. (continued)
				42				33	P				
				14				4					
				29			4.9	16	2.5	14.7			
				81				36	P				
				14				9					
				28			11.9	12	2.0	22.0			
				32			W	13	P				
				7									
				17			19.6	6	1.5	12.3			
				25				8	P				
				11				11					
				40			13.9	17	6.6	10.1			
				76				20	S				
				7				15					
22			3.0	36	4.5	11.0							
55				36	P								
35				14									
74			3.0	27		8.9							
30				23									
8				14									
11			2.0	32		4.0							
17				35									
9				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)



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				DEPTH	TEST	W	Qu			DEPTH	TEST	W	Qu
032-0046 3 Median 50+27 19.00ft Lt 553.43	3 Median 50+27 19.00ft Lt 553.43	19.00ft Lt	553.43	30			3.5			30			Very Dense Brown Fine Sand/Fine Gravel. (continued)
				59				59					
				6				6					
				27			11.2	27					
				30				30					
				4				4					
				13			11.9	13					
				42			W	42					
				8				8					
				12			14.4	12					
				20				20					
				10				10					
				21			13.6	21					
				30				30					
				26				26					
43			10.0	43									
55				55									
4				4									
16				16									
2.3			34.6	2.3									
30				30									
24			9.5	24									
4				4									

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032-0046 3 Median 50+27 19.00ft Lt 553.43	3 Median 50+27 19.00ft Lt 553.43	19.00ft Lt	553.43	7	4.2	17.1			86	4.5	7.4	Hard Gray Silty Loam/Loam with Limestone Fragments/Pieces. (continued)	
				13	S			60	P				
				511.93									
				7				40					
				11	2.1	15.5		46	4.5	11.7			
				12	S			75	P				
				4									
				8	1.5	17.4		112	4.5				
				12	P	W		100/5	P				
				6									
				7	1.5	18.6							
				11	P								
				6									
				9	2.0	23.3							
				15	P								
4													
7	2.0	19.6											
11	P												
21													
26	4.5	10.9											
70	P												
23													
30	4.5	9.5											
24	P												
30													

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DESIGNED	- JSI/MAJ/JFS
CHECKED	- JFS/MJB
DRAWN	- MLB/JLP
CHECKED	- JFS/MJB



SHEET NO. 33  
33 SHEETS

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
400	(32,47-4) HBR-2	GRUNDY	143	94
S.N. 032-0119		CONTRACT NO. 66873		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

SOIL BORINGS  
STRUCTURE NO. 032-0119