

ROUTE 09-00372-00-PW LOCATION On East Bank of River LOGGED BY DM

SECTION 09-00372-00-PW LOCATION On East Bank of River
 COUNTY McHenry County DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station	DEPTH ft	BLOW COUNT	UCS (tsf)	M O I S T Qu (%)	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev. ft	First Encounter Upon Completion After Hrs.	D E P T H ft	B L O W COUNT	U C S (tsf)	M O I S T Qu (%)
Black TOPSOIL	236.95											
Loose SAND & Gravel, some organics present, very moist, A-4 (0)	7	5	9.6									
Soft, black SANDY LOAM, very moist to wet, A-2-4 (0)	7	3										
Medium dense gray SAND with gravel, wet, A-2	3	3	26.3									
Medium dense to dense brown SAND, traces of gravel, saturated, A-1-e(0)	3	12	12.2									
Medium dense to dense brown SAND, traces of gravel, saturated, A-1-e(0)	3	5	18.4									
	7	7	9.6									
	9	15	16.1									
	5	2	18.3									
	3	3										
	8	12	5.7									
	14											

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 T208) BBS, from 137 (Rev. 8-99)

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Medium dense to dense brown SAND, traces of gravel, saturated, A-1-a(0) (continued)	13	13										
	16	16.3										
	19											
	20											
	20											
Dense to very dense Gravely SAND with stones, saturated, A-2-4 (0)	12	6.5										
	17											
	19											
	24											
	31	9.3										
	28											
	20											
	13						685.00	505				
	17											
	21	13.2										
	10											
	21											

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ROUTE 09-00372-00-PW LOCATION On East Bank of River LOGGED BY DM

SECTION 09-00372-00-PW LOCATION Between East abutment and East bank of river
 COUNTY McHenry County DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. Station	DEPTH ft	BLOW COUNT	UCS (tsf)	M O I S T Qu (%)	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev. ft	First Encounter Upon Completion After Hrs.	D E P T H ft	B L O W COUNT	U C S (tsf)	M O I S T Qu (%)
Black TOPSOIL	739.90											
Loose SAND & Gravel, very moist, A-4 (0)	4	5	7.9									
Loose gray SAND with Gravel, very moist to wet, A-1-a (0)	2	2	17.6									
	3	4										
	11											
	12	13.5										
	15											
	17											
	31	13.9										
	35											
	23											
	34	11.4										
	46											
	20											
	33	10.8										
	46											
	11											
	12	13.5										
	15											
	17											
	31	13.9										
	35											
	9											
	16	9.6										
	20											
Medium dense yellow SAND, wet, A-1-b(0)	9											
	15	16.4										
	16											
	6	21.7										
	5											
	11											
	15	12.5										
	16											
	6	15.9										
	7											

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Dense to very dense Gravely SAND with pockets of Loam, saturated, A-1-b(0)	20											
	33	10.8										
	46											
	11											
	12	13.5										
	15											
	17											
	31	13.9										
	35											
	23											
	34	11.4										
	46											
	20											
	33	10.8										
	46											
	11											
	12	13.5										
	15											
	17											
	31	13.9										
	35											
	9											
	16	9.6										
	20											
	6	21.7										
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	11											
	15	12.5										
	16											
	6	15.9										
	7											

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DESIGNED	SSM
CHECKED	ROD
DRAWN	WJH
CHECKED	ROD

SOIL BORING LOGS
 STRUCTURE NO. 056-3190

WB CHARLES J. MILLER ROAD BRIDGE					DATE: 7/23/12
SHEET NO. S-38	F.A.U. RTE. 3860	SECTION 09-00372-00-PW	COUNTY McHENRY	TOTAL SHEETS 252	SHEET NO. 161
S-41 SHEETS			CONTRACT NO. 63633		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



FILE NAME: 09007-3801.dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: s10color.ctb