



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 11/17/03

ROUTE FA 599 DESCRIPTION P92-029-79 Box culvert, IL 92 west of 154th Street LOGGED BY C. Jenkins

SECTION (83MAFT&103MFT)W&RS LOCATION Buffalo Prairie Twp. - NE, SEC. 25, TWP. 17N, RNG. 4W

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. None ft				D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
					Stream Bed Elev. 88.40 ft							
BORING NO. B-1d Station 866+40 Offset 12.00ft LI CL Ground Surface Elev. 556.50 ft					Groundwater Elev.:							
					First Encounter 541.5 ft							
					Upon Completion 537.0 ft							
					After Hrs.							
GRAVEL												
VERY STIFF brown SILTY LOAM			2.4	13.0								
			P									
554.00												
VERY STIFF gray/brown SILTY LOAM		2										
		5	2.9	16.0								
		7	B									
552.50												
VERY STIFF gray/brown SILTY CLAY		5										
		7	3.1	18.0								
		8	S									
550.00												
STIFF brown SILTY LOAM		2										
		3	1.1	21.0								
		3	B									
547.50												
MEDIUM brown/gray SILTY LOAM		1										
		2	0.5	21.0								
		4	S									
545.00												
MEDIUM brown/gray SILTY LOAM		1										
		1	0.7	23.0								
		3	B									
542.50												
MEDIUM brown/gray SILTY LOAM with SAND lenses		1										
		1	0.5	22.0								
		2	P									
539.50												
No sample		1										
		1										
		2										
537.50												

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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ROUTE FA 599 DESCRIPTION P92-029-79 Box culvert, IL 92 west of 154th Street LOGGED BY C. Jenkins

SECTION (83MAFT&103MFT)W&RS LOCATION Buffalo Prairie Twp. - NE, SEC. 25, TWP. 17N, RNG. 4W

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. None ft				D E P T H (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
					Stream Bed Elev. 88.40 ft							
BORING NO. B-2d Station 866+12 Offset 12.00ft RI CL Ground Surface Elev. 556.50 ft					Groundwater Elev.:							
					First Encounter 544.0 ft							
					Upon Completion 540.0 ft							
					After Hrs.							
GRAVEL												
MEDIUM black/gray SILTY LOAM			0.8	16.0								
			P									
554.00												
STIFF gray SILTY LOAM		2										
		4	1.9	9.0								
		5	S									
552.50												
STIFF gray SILTY CLAY with GRAVEL and a SILT lens		3										
		3	1.6	19.0								
		4	P									
550.00												
STIFF gray SILTY CLAY TILL		1										
		3	1.2	20.0								
		7	S									
547.50												
MEDIUM gray SILTY CLAY TILL over a SAND & GRAVEL lens		2										
		2	0.6	24.0								
		5	B									
544.50												
No sample		1										
		1										
		2										
542.50												
STIFF rose/pink SANDY CLAY LOAM		2										
		2	1.0									
		3	B									
540.00												
VERY DENSE gray SHALE		100/1"										
538.50												
End of Boring												

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)

FILE NAME = W:\Projects\2010\100120 PTB 157\25\cadd\Structure\Drawn\03 IL 92 Culverts\Station866+20.95\Final_Submittal_13.03.2010\866+20.95-64H11-006-SoilBoring.dgn

WILLIS BURKE KELSEY ASSOCIATES LTD.
116 West Main Street, Suite 201
St. Charles, Illinois 60174

USER NAME = hferstl	DESIGNED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 3/20/2013	DRAWN - AWH	REVISED -
	CHECKED - AEU	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOGS - STA. 866 + 20.95
STRUCTURE NO. 081-1054**

SHEET NO. 6 OF 6 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	(83MFT & 103MFT)W	ROCK ISLAND	340	158
CONTRACT NO. 64H11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				