



# SOIL BORING LOG

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	B L O W S	U C S Qu	M O I S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
		(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	ft
GRAVEL											
STIFF brown SILTY LOAM				1.1 P	13.0						
	553.60		4								
STIFF gray/rose SILTY CLAY				3 7	1.9 S	21.0					
	552.10										
MEDIUM gray SILTY LOAM				1							
	549.80		2 3	0.8 P	17.0						
STIFF gray SILTY CLAY				1							
	547.10		2 4	1.3 S	26.0						
MEDIUM gray/green SILTY CLAY				2							
	544.60		2 4	0.9 S	25.0						
MEDIUM gray CLAY				1							
	541.60		2 3	0.8 B	29.0						
LOOSE brown dirty SAND & GRAVEL				8							
	539.10		4 5								
VERY DENSE gray/blue SHALE				10							
	537.10		14								
End of Boring			100/5*								
			PEN								

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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		(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	ft
GRAVEL											
VERY STIFF brown SILTY CLAY				0.4 P	13.0						
	553.60										
STIFF brown/tan SILTY LOAM with GRAVEL				5 2 3	1.3 S	19.0					
	552.10										
MEDIUM gray SILTY LOAM with GRAVEL & ORGANICS				2 3 3	0.8 S	22.0					
	549.60										
STIFF gray SILTY LOAM with GRAVEL & ORGANICS				2 3 4	1.1 S	24.0					
	547.10										
MEDIUM gray SILTY LOAM with a SAND lens				1 2 3	0.6 B	28.0					
	544.60										
SOFT gray SILTY LOAM with ORGANICS and a SAND lens				1 1 3	0.4 B	27.0					
	541.60										
LOOSE gray SAND & GRAVEL				8							
	539.60		4 4								
VERY DENSE gray/black SHALE				47							
	537.60		53								
End of Boring			00/11*								
			PEN								

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 BBS, from 137 (Rev. 8-99)

FILE NAME = W:\Projects\2010\100120 PTB 157\25\cadd\Structure\Dgn\MO #3 IL 92 Culverts\Station844+26.26\Final\_Submittal\_13.03.2010\844+26.26-64H11-007-SoilBoring.dgn



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. 844 + 26.26  
STRUCTURE NO. 081-0201

SHEET NO. 7 OF 7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	(83MFT & 103MFT)W	ROCK ISLAND	340	148
CONTRACT NO. 64H11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				