



SOIL BORING LOG

ROUTE FA 599 DESCRIPTION P92-029-79 Box culvert, IL 92 east 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 870+05
 BORING NO. B-1e Station 870+16
 Offset 11.00ft Lt CL
 Ground Surface Elev. 556.10 ft

DEPTH (ft)	BLOW COUNT (blows/6")	UCS (tsf)	MOISTURE (%)	DEPTHS			
				(ft)	(/6")	(tsf)	(%)
553.60	4	0.8 P	17.0	11	15	85	
552.10	5	1.3 P	18.0	100/9'			
549.60	3	1.2 S	14.0				
547.10	2	1.1 B	17.0				
544.60	3	2.1 S	44.0				
542.10	2	0.7 B	18.0				
539.80	1	0.5 B	27.0				
536.90	2	1.1 S	26.0				

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

STRUCT. NO. _____ Station 870+05
 BORING NO. B-2e Station 869+95
 Offset 11.00ft Rt CL
 Ground Surface Elev. 556.20 ft

DEPTH (ft)	BLOW COUNT (blows/6")	UCS (tsf)	MOISTURE (%)	DEPTHS			
				(ft)	(/6")	(tsf)	(%)
553.70	4	1.1 P	14.0	11	15	85	
552.20	6	2.5 B	16.0	100/9'			
549.70	4	1.1 S	19.0				
547.20	3	0.7 S	16.0				
544.70	2	1.2 B	44.0				
542.20	1	0.5 B	28.0				
539.70	2	0.5 B	23.0				
537.20	2						

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 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\Drawings\IL 92 Culverts\Station870+00\Final_Submittal_13.0320\870+00\06-64H1-006-SoilBorings.dgn



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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS - STA. 870 + 00.00
 STRUCTURE NO. 081-1053
 SHEET NO. 6 OF 6 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	(83MFT & 103MFT)W	ROCK ISLAND	340	164
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 64H11	