



# SOIL BORING LOG

ROUTE FA 599 DESCRIPTION P92-029-79 Box culvert, IL 92, 1.7 m W. of Andalusia LOGGED BY C. Jenkins

SECTION (83MAFT&103MFT)W&RS LOCATION Andalusia Twp. - NW, SEC. 29, TWP. 17N, RNG. 3W

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

STRUCT. NO. \_\_\_\_\_  
 Station 917+97  
 BORING NO. B-11  
 Station 918+16  
 Offset 11.50R Lt CL  
 Ground Surface Elev. 556.60 ft (ft) (/6") (tsf) (%)

SOIL TYPE	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOISTURE (%)	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOISTURE (%)
GRAVEL								
MEDIUM black SILTY LOAM			0.6 P	17.0				
	554.10	3						
MEDIUM gray SILTY LOAM with GRAVEL			0.8 P	19.0				
	552.60	6						
Same as above								
	550.10	3	0.5 P	14.0				
STIFF gray SILTY CLAY with GRAVEL				20.0				
	547.60	4	1.3 S					
STIFF gray/brown SANDY LOAM with GRAVEL				19.0				
	545.10	4	1.3 S					
MEDIUM gray with rust SILTY CLAY				28.0				
	542.60	3	0.5 S					
MEDIUM gray SILTY CLAY				32.0				
	540.10	1	0.5 B					
SOFT gray/brown SILT with GRAVEL				29.0				
	537.60	3	0.3 P					

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 917+97  
 BORING NO. B-21  
 Station 917+81  
 Offset 12.00R Rt CL  
 Ground Surface Elev. 556.00 ft (ft) (/6") (tsf) (%)

SOIL TYPE	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOISTURE (%)	DEPTH (ft)	BLOWS (/6")	UCS (tsf)	MOISTURE (%)
GRAVEL								
MEDIUM brown SILTY LOAM			0.8 P	14.0				
	553.50	3						
STIFF gray/brown mottled SILTY LOAM with some GRAVEL			1.1 P	19.0				
	552.00	4						
SOFT gray SILTY LOAM								
	549.50	2	0.4 P	22.0				
MEDIUM black SILTY CLAY with a SAND lens				30.0				
	547.00	2	0.5 B					
MEDIUM gray SILTY CLAY with a SAND lens				26.0				
	544.50	2	0.5 P					
SOFT gray/brown SILTY LOAM				36.0				
	542.00	2	0.3 P					
SOFT gray SILT				35.0				
	539.50	2	0.3 P					
MEDIUM gray SILT				30.0				
	537.00	3	0.5 B					

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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\17+91.81\Final Submittal 13.03.2010\17+91.81-64H1-003-SOIL.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. 917 + 91.81  
 STRUCTURE NO. 081-1051  
 SHEET NO. 3 OF 3 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	(83MFT & 103MFT)W	ROCK ISLAND	340	179
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 64H11	