



SOIL BORING LOG

ROUTE FA 599 DESCRIPTION P92-029-79 Box culvert, IL 92 LOGGED BY C. Jenkins

SECTION (83MAFT&103MFT)W&RS LOCATION Andalusia Twp. - NW, SEC. 30, TWP. 17N, RNG. 3W

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

STRUCT. NO.	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	DEPTH	BLOW	UCS	MOIST
Station	H	S	Qu	T	ft	H	S	Qu	T
885+35					88.40				
B-1f					537.5				
885+51					542.5				
11.00R Lt CL									
556.50									
GRAVEL									
STIFF brown SANDY LOAM			1.1 P	10.0	535.00	21	79		
MEDIUM gray SANDY LOAM	3								
	3	0.6		13.0					
	4	S							
STIFF gray SILTY LOAM with ORGANICS	2								
	4	1.3		17.0					
	4	S							
MEDIUM gray SILTY LOAM with ORGANICS	2								
	1	0.7		32.0					
	2	B							
MEDIUM gray SILTY LOAM with GRAVEL	1								
	2	0.7		18.0					
	5	B							
STIFF red/pink CLAY 12% ORGANICS	2								
	4	1.3		45.0					
	5	S							
MEDIUM gray SILTY CLAY	2								
	4	0.7		28.0					
	4	B							
MEDIUM gray SILTY LOAM with ORGANICS	0								
	1	0.6		57.0					
	2	B							
	16								

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)



SOIL BORING LOG

ROUTE FA 599 DESCRIPTION P92-029-79 Box culvert, IL 92 LOGGED BY C. Jenkins

SECTION (83MAFT&103MFT)W&RS LOCATION Andalusia Twp. - NW, SEC. 30, TWP. 17N, RNG. 3W

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

STRUCT. NO.	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	DEPTH	BLOW	UCS	MOIST
Station	H	S	Qu	T	ft	H	S	Qu	T
885+35					88.40				
B-2f					539.0				
885+20					544.5				
12.00R Rt CL									
556.50									
GRAVEL									
MEDIUM brown SANDY LOAM			0.5 P	11.0	535.50	20	80		
VERY STIFF gray SILTY CLAY	3								
	4	2.1		18.0					
	5	B							
LOOSE tan fine SAND	5								
	4								
	3								
STIFF brown SANDY LOAM	1								
	1	1.6		14.0					
	5	S							
VERY STIFF red/brown with blue CLAY	3								
	4	2.3		25.0					
	5	S							
STIFF gray/brown SILTY CLAY	2								
	2	1.6		25.0					
	4	S							
STIFF gray SILTY CLAY	2								
	2	1.5		30.0					
	4	B							
MEDIUM gray/black weathered LIMESTONE	16								
	11								
	18								

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\1\Dgn\MO #3 IL 92 Culverts\Station885+30.07\Final_Submittal_13.03.2010\885+30.07-64H1-006-SoilBoring.dgn



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STA. 885 + 30.07 RT.

SHEET NO. 6 OF 6 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	(83MFT & 103MFT)W	ROCK ISLAND	340	170
CONTRACT NO. 64H11				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				