

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Page 1 of 2

SOIL BORING LOG

Date 01/14/08

ROUTE FAU 9274 DESCRIPTION Cleveland Avenue Bridge over Richland Creek LOGGED BY SCI

SECTION 04-00202-00-BR LOCATION Belleville, SEC. 28, TWP. 1N, RNG. 8W

COUNTY St. Clair DRILLING METHOD CME 75 w/CFA HAMMER TYPE Automatic

STRUCT. NO. 082-6109 Existing Station _____

BORING NO. B-2 Station 101+84 Offset 11 ft RL

Ground Surface Elev. 478.1 ft

Description	Depth (ft)	Bulge (in)	Shear (tsf)	Penetrometer (psi)	Soil Description	Depth (ft)	Bulge (in)	Shear (tsf)	Penetrometer (psi)	Soil Description
ASPHALT - 1 inch	0					478.0				
CONCRETE - 8 inches	4					478.4				
CRUSHED ROCK mixed with brown, low plastic silty clay	5									
	2	3.8	11							
	2									
	2									
FILL: Brown and gray, low plastic silty clay (A-5)	1	0.2	28			473.8				
	0									
	2									
Becomes gray and trace sleg	2									
	1	0.3	30							
	1									
	1	0.9	29							
	1									
Becomes brown and gray	1									
	2	0.5	26							
	3									
FILL: Gray and brown, low plastic silt (A-4)	1					469.8				
	2	1.7	28							
	2									
FILL: Gray and brown, low plastic silty clay (A-5)	2	0.6	26			461.1				
Becomes brown	3									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)

Page 2 of 2

SOIL BORING LOG

Date 01/14/08

ROUTE FAU 9274 DESCRIPTION Cleveland Avenue Bridge over Richland Creek LOGGED BY SCI

SECTION 04-00202-00-BR LOCATION Belleville, SEC. 28, TWP. 1N, RNG. 8W

COUNTY St. Clair DRILLING METHOD CME 75 w/CFA HAMMER TYPE Automatic

STRUCT. NO. 082-6109 Existing Station _____


BORING NO. B-2 Station 101+84 Offset 11 ft RL

Ground Surface Elev. 478.1 ft

Description	Depth (ft)	Bulge (in)	Shear (tsf)	Penetrometer (psi)	Soil Description	Depth (ft)	Bulge (in)	Shear (tsf)	Penetrometer (psi)	Soil Description
CLAYEY SHALE: Gray (continued)	437.8	50/4	4.5	14						
Boring terminated at 41 feet.										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)

BORING LOGS
STRUCTURE NO. 082-6113

SHEET NO. 31	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	9274	04-00202-00-BR	ST. CLAIR	55	48
31 SHEETS			CONTRACT NO. 97369		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					
 DATES ASSOCIATES Consulting Engineers	Eastport Business Center 1 100 Lanier Court, Suite 1 Collinsville, Illinois 62234 618-345-2200 Design Firm License No. 184.001115			DESIGNED -	
				CHECKED -	
				DRAWN -	
				CHECKED -	