

Illinois Department of Transportation
SOIL BORING LOG Page 1 of 2
 Date 01/01

ROUTE FAP 310 DESCRIPTION Wenzel Rd over IL 255 LOGGED BY Larry Ford

SECTION 60-15HB LOCATION SE. SEC. 24, TWP. 6N, RNG. 10W, 3 PM

COUNTY FAP 310 DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Hammer

STRUCT. NO. Station	BORING NO. Station	DEPT (m)	BULGE (mm)	UCS (kPa)	MOISTURE (%)	SOIL DESCRIPTION	DEPT (m)	BULGE (mm)	UCS (kPa)	MOISTURE (%)											
											DEPT (m)	BULGE (mm)	UCS (kPa)	MOISTURE (%)							
060-0306	#1 CTR PIER	36+340																			
		0.00m CL. IL 255																			
		Ground Surface Elev. 175.62																			
						Brown CLAYEY SILT with a trace of SAND A-7-G(16)															
						See Gradation at 3'															
		174.7				Gray and Brown SILT with some CLAY and a trace of SAND A-6(11)															
						See Gradation at 10.5'															
		172.5				Brown SILT with some SAND and CLAY A-6(11)															
						See Gradation at 30.5'															
		168.0				Brown LOAMY SAND															
		165.4				Gray CLAY LOAM w/Limestone GRAVEL															
		170.2				See Gradation at 18.0'															
		168.8				Brown SANDY LOAM															

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 T268)
 BBS, from 137 (Rev. 6-99)

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											DEPT (m)	BULGE (mm)	UCS (kPa)	MOISTURE (%)							
060-0306	#1 CTR PIER	36+340																			
		0.00m CL. IL 255																			
		Ground Surface Elev. 172.88																			
						Gray CLAY LOAM w/Limestone GRAVEL (continued)															
						End of Boring															
						Brown and Gray Weathered SHALE															
						GRAY SHALE															

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 BBS, from 137 (Rev. 6-99)

LIN ENGINEERING, LTD.
 20 N. Chestnut
 (201) 483-4663
 Designated By: MTH Checked By: PSL Drawn By: JMD
 Date: 02/03 File: 0600306.DWG

REVISIONS	
NO.	NAME

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS
 WENZEL ROAD OVER F.A.P. RTE 310
 SECTION 60-15HB
 MADISON COUNTY
 STA. 36+335.990 (FAP 310)
 STA. 10+000.000 (WENZEL ROAD)
 STRUCTURE NO. 060-0306