FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
586	60R-2, 37R-1	MADISON	502	232
STA.		TO STA.		
CONTRACT NO: 76301				

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 2

Date 4/9/01

ROUTE FAP 586 DESCRIPTION Retaining Wall on IL 162 in Troy LOGGED BY S.Schreader/D.Maue

SECTION 60R-2, 37R-1 LOCATION SW 1/4, SEC. 4, TWP. 3N, RNG. 7W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. _____
Station 563+00

BORING NO. 11 NE Corner Cone
Station 563+05
Offset 24.00ft RT
Ground Surface Elev. 558.58 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 537.6 ft ▼
Upon Completion _____ ft
After ___ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
~~Brown & Gray Clay LOAM (Till)~~			~~3~~	~~3.4~~	
~~(continued)~~ CLAY			8	S/15	23
			10		
			4		
			3	1.5	
			3	P	26
		-45	6		
			8	0.8	
			12	S/20	29
			2		
			3	0.9	
			3	S/20	27
		-50	9		
			13	0.9	
			17	S/20	26
	545.1		2		
			3	0.8	
Brown Clay LOAM (Till)			3	S/15	21
		-55	6		
			12	4.2	
			17	S/20	22
			0		
			3	1.5	
			6	S/20	21
Fine to Coarse Limestone Gravel		-60	4		

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
~~Brown Clay LOAM (Till)~~			~~5.3~~	~~3.2~~	
~~Brown Gray Clay LOAM~~			8	S/20	18
(continued)					
			5		
			8	1.9	
			9	B/15	16
	500.1	-65	19	2.0	
Gray SILT			17	S/10	
			22	B/20	29
				S/10	19
			6		
			12	4.4	
			15	S/10	15
		-70	8		
Some wood found	494.6		19	2.0	34
Gray Silty CLAY	494.1		18	S/20	14
End of Boring @ 71 ft				2.3	25
				S/15	
			4		
			6	3.4	
			9	S/20	20

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)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 2

Date 1/9/03

ROUTE FAP 586 DESCRIPTION Retaining Wall on IL 162 in Troy LOGGED BY Schreader/Maue

SECTION 60R-2, 37R-1 LOCATION SW 1/4, SEC. 4, TWP. 3N, RNG. 7W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. _____
Station 563+00

BORING NO. 1
Station 563+15
Offset 47.00ft LT
Ground Surface Elev. 557.58 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 537.6 ft ▼
Upon Completion _____ ft
After ___ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Clay LOAM (Till)			7	3.4	
(continued)			12	S/20	18
		-45	8		
			16	4.4	
			27	S/10	13
	510.1				
Gray SHALE					
		-50	40/6"		
			50/2"		
	506.6			NC	18
End of Boring					
		-55			
		-60			

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)

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
RETAINING WALL

FAP ROUTE 586
SECTION 60R-2, 37R-1
MADISON COUNTY

PLOT DATE: Friday July 02, 2004 @ 8:31:01 AM

7/2/2004
11:31:01 AM July 02, 2004 @ 8:31:01 AM
c:\pw_work\dms15195\sch\h0585bridge LV-1-53