

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 9393	37BR	MADISON	38	23
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 5
5 SHEETS

Contract No. 76304

Illinois Department of Transportation
Division of Highways
Main Street over Tributary to Wendell Branch in Troy

SOIL BORING LOG Page 1 of 1 Date 12/20/00

ROUTE FAU 9393 DESCRIPTION Main Street over Tributary to Wendell Branch in Troy LOGGED BY Larry Ford

SECTION 37BR LOCATION SE 14, SEC. 9, TWP. 3 N, RNG. 7 W, 3 PM

COUNTY MADISON DRILLING METHOD Hand Auger HAMMER TYPE

STRUCT. NO. 28+88.77
Station 28+88.77

BORING NO. #1 NE Wingwall
Station 29+05
Offset 53.00ft Rt.
Ground Surface Elev. 516.0 ft

DEPTH (ft)	SOIL TYPE	UCS (%)	MOISTURE (%)	WATER ELEV. (ft)	STREAM BED ELEV. (ft)	GROUNDWATER ELEV. (ft)
0	Sand LOAM	NC	31			
514.5						
1.4						
1.7						
1.9						
1.5						
2.0						
2.5						
2.3						
2.1						
2.5						
2.0						
2.8						
2.0						
3.2						
19						
506.0	END OF HAND AUGER					
-10						
-15						
-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)

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SECTION 37BR LOCATION SE 14, SEC. 9, TWP. 3 N, RNG. 7 W, 3 PM

COUNTY MADISON DRILLING METHOD Hand Auger HAMMER TYPE

STRUCT. NO. 28+88.77
Station 28+88.77

BORING NO. #2 SW Wingwall
Station 28+70
Offset 49.00ft Lt.
Ground Surface Elev. 518.5 ft

DEPTH (ft)	SOIL TYPE	UCS (%)	MOISTURE (%)	WATER ELEV. (ft)	STREAM BED ELEV. (ft)	GROUNDWATER ELEV. (ft)
0.5	Silty Clay LOAM	P	32			
0.2						
0.2						
0.2						
1.3	Brown Silty CLAY	P	31			
2.0						
2.4						
1.5	Clay LOAM	P	22			
2.5						
2.0						
3.2						
19						
2.0						
3.6						
3.7						
2.1						
2.7						
2.0						
3.5						
2.0						
18						
595.5	END OF HAND AUGER					
-10						
-15						
-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)

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ROUTE FAU 9393 DESCRIPTION Main Street over Tributary to Wendell Branch in Troy LOGGED BY Larry Ford

SECTION 37BR LOCATION SE 14, SEC. 9, TWP. 3 N, RNG. 7 W, 3 PM

COUNTY MADISON DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 28+88.77
Station 28+88.77

BORING NO. #3
Station 29+27
Offset 43.00ft Lt.
Ground Surface Elev. 536.8 ft

DEPTH (ft)	SOIL TYPE	UCS (%)	MOISTURE (%)	WATER ELEV. (ft)	STREAM BED ELEV. (ft)	GROUNDWATER ELEV. (ft)
4	Brown Silty CLAY w/rock & cinders	B	3.1			
10		B	17			
14						
7						
15	Fill Area	B	3.1			
20		B	15			
9						
25						
19			6.0			
24	Concrete, bricks, rubble to 8.5'	S/20	13			
3						
3		2.6				
5		P	23			
3						
5		1.0	17			
5		S/15				
17	Brown SAND					
505.3						
1	Refusal on rubble	NC	21			
5						
15						
7						
3	Small recovery due to rubble					
2		NR	28			
28						
520.3						
3	Brown Clay LOAM					
5		1.9				
6		S/15	21			
21						
-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)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SOIL BORING LOGS MAIN ST. OVER UNNAMED TRIBUTARY TO WENDELL BRANCH F.A.U. ROUTE 9393 - SEC. 37BR MADISON COUNTY STATION 28+88.77 STRUCTURE NO. 060-2407
NAME	DATE	
		SCALE: VERT. _____ HORIZ. _____ DATE _____ DRAWN BY _____ CHECKED BY _____

FILED IN THE OFFICE OF THE ENGINEER IN CHARGE OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, SPRINGFIELD, ILLINOIS