

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
600	30-1TS-1	MADISON	12	16
STA. _____		TO STA. _____		
CONTRACT NO. J2841				

Illinois Department of Transportation
 Division of Highways
 Illinois Department of Transportation

SOIL BORING LOG

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 Date 9/12/05

ROUTE FAP 600 DESCRIPTION Traffic Signals at IL 159 and Camelot in Collinsville LOGGED BY Amaro/Warlick

SECTION 30-1TS-1 LOCATION NE 1/4, SE 1/4, SEC. 22, TWP. 3N, RNG. 8W, 3 PM

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

STRUCT. NO. _____
 Station _____

BORING NO. SB #1 NW Quad
 Station 610+31
 Offset 52.00ft RL
 Ground Surface Elev. 553.76 ft

DEPTH (ft)	SOIL TYPE	UCS (psi)	MOISTURE (%)	WATER ELEV. (ft)	STREAM BED ELEV. (ft)	GROUNDWATER ELEV. (ft)	FIRST ENCOUNTER (ft)	UPON COMPLETION (ft)	AFTER (ft)	HRS.
0	Brown Silty Loam									
3										
6	1.4 S15	20								
8										
1	0.4 S6	23								
2										
2										
3	1.4 S20	25								
4										
554.3										
1	1.6 S20	27								
4										
552.8										
End of Boring										
-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 T208)
 BBS, from 137 (Rev. 8-99)

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ROUTE FAP 600 DESCRIPTION Traffic Signals at IL 159 and Camelot in Collinsville LOGGED BY Schreder/Warlick

SECTION 30-1TS-1 LOCATION NE 1/4, SE 1/4, SEC. 22, TWP. 3N, RNG. 8W, 3 PM

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

STRUCT. NO. _____
 Station _____

BORING NO. SB #3 SE Quad
 Station 609+83
 Offset 52.50ft RL
 Ground Surface Elev. 551.76 ft

DEPTH (ft)	SOIL TYPE	UCS (psi)	MOISTURE (%)	WATER ELEV. (ft)	STREAM BED ELEV. (ft)	GROUNDWATER ELEV. (ft)	FIRST ENCOUNTER (ft)	UPON COMPLETION (ft)	AFTER (ft)	HRS.
0	Brown Silty LOAM									
4										
7	4.0 P	16								
9										
4	3.0 P	21								
3										
3										
3										
2	0.8 S20	42								
2										
2										
2										
550.8										
5	1.2 S20	27								
6										
End of Boring										
-15										
-20										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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ROUTE FAP 600 DESCRIPTION Traffic Signals at IL 159 and Camelot in Collinsville LOGGED BY Amaro/Warlick

SECTION 30-1TS-1 LOCATION NE 1/4, SE 1/4, SEC. 22, TWP. 3N, RNG. 8W, 3 PM

COUNTY Madison DRILLING METHOD Hand Auger HAMMER TYPE _____

STRUCT. NO. _____
 Station _____

BORING NO. SB #2 SW Quad
 Station 609+53
 Offset 51.00ft RL
 Ground Surface Elev. 563.76 ft

DEPTH (ft)	SOIL TYPE	UCS (psi)	MOISTURE (%)	WATER ELEV. (ft)	STREAM BED ELEV. (ft)	GROUNDWATER ELEV. (ft)	FIRST ENCOUNTER (ft)	UPON COMPLETION (ft)	AFTER (ft)	HRS.
0	Brown Silty CLAY									
2.0		15								
2.0		14								
2.0		14								
1.0		14								
1.0		20								
1.0		26								
1.0		27								
1.0		28								
1.0		28								
1.0		30								
1.0		29								
554.8										
1.0	Gray Silty Clay LOAM									
1.0		28								
1.0		27								
1.0		27								
550.8										
End of Boring										
-15										
-20										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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ROUTE FAP 600 DESCRIPTION Traffic Signals at IL 159 and Camelot in Collinsville LOGGED BY Amaro/Warlick

SECTION 30-1TS-1 LOCATION NE 1/4, SE 1/4, SEC. 22, TWP. 3N, RNG. 8W, 3 PM

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

STRUCT. NO. _____
 Station _____

BORING NO. SB #4 NE Quad
 Station 610+32
 Offset 55.00ft RL
 Ground Surface Elev. 551.76 ft

DEPTH (ft)	SOIL TYPE	UCS (psi)	MOISTURE (%)	WATER ELEV. (ft)	STREAM BED ELEV. (ft)	GROUNDWATER ELEV. (ft)	FIRST ENCOUNTER (ft)	UPON COMPLETION (ft)	AFTER (ft)	HRS.
0	Brown Silty LOAM									
6										
6	1.75 P	10								
7										
5										
5	4.5 P	12								
6										
554.8										
3										
3	3.5 S15	18								
5										
2										
3	1.3 S20	24								
3										
550.8										
End of Boring										
-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 T208)
 BBS, from 137 (Rev. 8-99)

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SOIL BORING LOGS
 FAP ROUTE 600
 SECTION 30-1TS-1
 MADISON COUNTY

DATE-TIME
 DATE-TIME
 DATE-TIME
 DATE-TIME

PLOT DATE: DATE-TIME