FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
586	60R-2, 37R-1	MADISON	502	225
STA.		TO STA.		
CONTRACT NO: 76301				

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways
Illinois Department of Transportation

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Date 11/12/03

ROUTE FAP 586 DESCRIPTION Traffic Signals at IL 162 and Riggins Road in Troy LOGGED BY Schreader/Ford

SECTION 60R-2, 37R-1 LOCATION SE 14, SEC. 5, TWP. 3N, RNG. 7W, 3 PM

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

STRUCT. NO. _____
Station _____

BORING NO. 1 - SE Quad
Station 551+22
Offset 52.00ft RT
Ground Surface Elev. 566.9 ft

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

Groundwater Elev.:
First Encounter 559.9 ft
Upon Completion _____ ft
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Gray Silty Clay LOAM			
	2		
	3	1.0	31
563.4	4	S/15	
Gray and Brown Silty CLAY			
-5	2		
	5	1.5	29
559.9 ▼	5	S/10	
	1		
Gray and Brown Silty Clay LOAM	1	0.4	31
	1	S/15	
-10	1		
	3	1.3	27
555.4	4	B	
Brown and Gray Silt LOAM	2		
	3	1.2	27
552.9	4	B	
Gray Silty Clay LOAM -15	0		
	1	0.8	30
550.9	4	S/15	
End of Boring			
-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 — SOIL BORING LOG

Division of Highways
Illinois Department of Transportation

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Date 11/12/03

ROUTE FAP 586 DESCRIPTION Traffic Signals at IL 162 and Riggins Road in Troy LOGGED BY Schreader/Ford

SECTION 60R-2, 37R-1 LOCATION SE 14, SEC. 5, TWP. 3N, RNG. 7W, 3 PM

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

STRUCT. NO. _____
Station _____

BORING NO. 3 - NE Quad
Station 561+30
Offset 47.00ft LT
Ground Surface Elev. 566.9 ft

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

Groundwater Elev.:
First Encounter 557.9 ft
Upon Completion _____ ft
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Dark Gray Silty Clay LOAM			
	3		
	4	1.1	26
562.9	5	S/10	
Brown and Gray Silty CLAY			
-5	2		
	4	2.0	28
559.9	6	S/10	
	2		
Brown and Gray Silty Clay LOAM	2	1.2	31
	3	S/15	
▼			
-10	1		
	2	1.0	31
555.4	3	S/15	
Gray Silt LOAM	1		
	3	1.5	28
552.9	4	S/15	
Brown Silty CLAY -15	1		
	2	0.8	29
550.9	2	S/10	
End of Boring			
-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 — SOIL BORING LOG

Division of Highways
Illinois Department of Transportation

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Date 3/13/91

ROUTE FAP 586 DESCRIPTION Traffic Signals at IL 162 and Riggins Road in Troy (constructed as FAU 9396, Section 60TS) LOGGED BY Larry Ford

SECTION 60R-2, 37R-1 LOCATION SE 14, SEC. 5, TWP. 3N, RNG. 7W, 3 PM

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

STRUCT. NO. _____
Station _____

BORING NO. 2 - NW Quad
Station 550+19
Offset 46.00ft LT
Ground Surface Elev. 567.9 ft

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

Groundwater Elev.:
First Encounter _____ ft
Upon Completion _____ ft
After 0 Hrs. 563.4 ft ▽

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Backfill Area - Silty CLAY with Crushed Limestone			
566.5			
Black Silty CLAY (Top Soil)	3		
	2	1.1	28
564.0	4	S/10	
▽			
Brown and Gray Silty CLAY -5	2		
	4	1.4	29
561.5	5	S/15	
Brown and Gray Very Silty CLAY	2		
	3	0.7	29
559.0	4	S/15	
Gray and Brown Clayey SILT -10	2		
	3	1.3	28
	4	S	
	2		
	3	2.1	27
554.0	4	S	
Gray Clayey SILT -15	1		
	2	0.7	29
551.8	4	S/15	
End of Boring			
-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 — SOIL BORING LOG

Division of Highways
Illinois Department of Transportation

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Date 11/12/03

ROUTE FAP 586 DESCRIPTION Traffic Signals at IL 162 and Riggins Road in Troy LOGGED BY Schreader/Ford

SECTION 60R-2, 37R-1 LOCATION SE 14, SEC. 5, TWP. 3N, RNG. 7W, 3 PM

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

STRUCT. NO. _____
Station _____

BORING NO. 4 - SW Quad
Station 550+35
Offset 50.00ft RT
Ground Surface Elev. 566.9 ft

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

Groundwater Elev.:
First Encounter 557.4 ft ▽
Upon Completion _____ ft
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Brown Silty CLAY			
(with Cinders)	5		
	5	1.1	26
	3	S/10	
-6	2		
	6	1.9	29
559.9	6	S/20	
	1		
Gray Silty Clay LOAM	2	0.8	31
	3	S/20	
▼			
-10	0		
	1	0.8	29
555.4	4	S/20	
Gray SILT	1		
	3	1.5	27
	5	S/20	
-15	1		
	2	0.9	29
550.9	4	S/20	
End of Boring			
-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

SOIL BORING LOGS
TRAFFIC SIGNALS

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

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

7/2/2004
Friday July 02, 2004 @ 8:31:01 AM
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