

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



SOIL BORING LOG

Page 1 of 1
Date 11/20/03

ROUTE FAP 586 DESCRIPTION Traffic Signals at IL 162 and Higgins Road in Troy LOGGED BY Schreeder/Ford
SECTION 60R-2, 37R-1 LOCATION SE 1/4, SEC. 5, TWP. 3N, RNG. 7W, 3 PM
COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. _____	D	B	U	M	Surface Water Elev. _____ ft
Station _____	E	L	C	O	Stream Bed Elev. _____ ft
	P	O	S	I	
BORING NO. <u>1 - SE Quad</u>	T	W	S		Groundwater Elev.: _____ ft
Station <u>551+22</u>	H	S	Qu	T	First Encounter _____ ft
Offset <u>52.00ft RT</u>					Upon Completion _____ ft
Ground Surface Elev. <u>555.9</u> ft	(ft)	(#)	(tsf)	(%)	After _____ Hrs. _____ ft

Gray Silty Clay LOAM					
	2				
	3	1.0	31		
	4	S/15			
563.4					
Gray and Brown Silty CLAY					
	2				
	5	1.5	29		
	5	S/10			
559.9					
Gray and Brown Silty Clay LOAM					
	1	0.4	31		
	1	S/15			
	1				
	2	1.3	27		
	4	B			
555.4					
Brown and Gray Silt LOAM					
	2	1.2	27		
	4	B			
552.9					
Gray Silty Clay LOAM					
	1	0.8	30		
	4	S/15			
550.9					
End of Boring					

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)



SOIL BORING LOG

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Date 11/20/03

ROUTE FAP 586 DESCRIPTION Traffic Signals at IL 162 and Higgins Road in Troy LOGGED BY Schreeder/Ford
SECTION 60R-2, 37R-1 LOCATION SE 1/4, SEC. 5, TWP. 3N, RNG. 7W, 3 PM
COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. _____	D	B	U	M	Surface Water Elev. _____ ft
Station _____	E	L	C	O	Stream Bed Elev. _____ ft
	P	O	S	I	
BORING NO. <u>2 - NE Quad</u>	T	W	S		Groundwater Elev.: _____ ft
Station <u>551+30</u>	H	S	Qu	T	First Encounter _____ ft
Offset <u>47.00ft LT</u>					Upon Completion _____ ft
Ground Surface Elev. <u>556.9</u> ft	(ft)	(#)	(tsf)	(%)	After _____ Hrs. _____ ft

Dark Gray Silty Clay LOAM					
	3				
	4	1.1	26		
	5	S/10			
552.9					
Brown and Gray Silty CLAY					
	2				
	4	2.0	28		
	6	S/10			
559.9					
Brown and Gray Silty Clay LOAM					
	2	1.2	31		
	3	S/15			
	1				
	2	1.0	31		
	3	S/15			
555.4					
Gray Silt LOAM					
	1				
	3	1.5	28		
	4	S/15			
552.9					
Brown Silty CLAY					
	1				
	2	0.8	29		
	2	S/10			
550.9					
End of Boring					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

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Date 3/19/01

ROUTE FAP 586 DESCRIPTION Traffic Signals at IL 162 and Higgins Road in Troy LOGGED BY Larry Ford
SECTION 60R-2, 37R-1 LOCATION SE 1/4, SEC. 5, TWP. 3N, RNG. 7W, 3 PM
COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. _____	D	B	U	M	Surface Water Elev. _____ ft
Station _____	E	L	C	O	Stream Bed Elev. _____ ft
	P	O	S	I	
BORING NO. <u>2 - NW Quad</u>	T	W	S		Groundwater Elev.: _____ ft
Station <u>550+19</u>	H	S	Qu	T	First Encounter _____ ft
Offset <u>46.00ft LT</u>					Upon Completion _____ ft
Ground Surface Elev. <u>557.9</u> ft	(ft)	(#)	(tsf)	(%)	After <u>0</u> Hrs. <u>563.4</u> ft

Backfill Area - Silty CLAY with Crushed Limestone					
	3				
	4	1.1	28		
	4	S/10			
564.0					
Brown and Gray Silty CLAY					
	2				
	4	1.4	29		
	5	S/15			
561.5					
Brown and Gray Very Silty CLAY					
	2				
	3	0.7	29		
	4	S/15			
559.0					
Gray and Brown Clayey SILT					
	2				
	3	1.3	28		
	4	S			
	2				
	3	2.1	27		
	4	S			
554.0					
Gray Clayey SILT					
	1				
	2	0.7	29		
	4	S/15			
551.8					
End of Boring					

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SECTION 60R-2, 37R-1 LOCATION SE 1/4, SEC. 5, TWP. 3N, RNG. 7W, 3 PM
COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. _____	D	B	U	M	Surface Water Elev. _____ ft
Station _____	E	L	C	O	Stream Bed Elev. _____ ft
	P	O	S	I	
BORING NO. <u>4 - SW Quad</u>	T	W	S		Groundwater Elev.: _____ ft
Station <u>550+35</u>	H	S	Qu	T	First Encounter <u>557.4</u> ft
Offset _____					Upon Completion _____ ft
Ground Surface Elev. <u>556.9</u> ft	(ft)	(#)	(tsf)	(%)	After _____ Hrs. _____ ft

Brown Silty CLAY					
	5				
	5	1.1	26		
	3	S/10			
	2				
	5	1.5	29		
	6	S/20			
559.9					
Gray Silty Clay LOAM					
	1				
	2	0.8	31		
	3	S/20			
	0				
	1	0.8	29		
	4	S/20			
555.4					
Gray SILT					
	1				
	3	1.5	27		
	5	S/20			
	1				
	2	0.9	29		
	4	S/20			
550.9					
End of Boring					

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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

7/2/2004 8:31:01 AM
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