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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	*	MADISON	272	123
SHEET NO. 22				
24 SHEETS				
* 60-15HB-2 CONTRACT NO. 76624				

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG Page 1 of 2 Date 5/201

ROUTE FAP 310 DESCRIPTION IL 255 OVER US 67/L 111 LOGGED BY Larry Ford

SECTION 60-15HB-2 LOCATION Godfrey, SEC. 14, TWP. 6N, RNG. 10W, 3 PM

COUNTY MADISON DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140#

STRUCT. NO. 060-0331 SB Station 39+883

BORING NO. US-SB1 Station 39+883 Offset 17.00m LT Ground Surface Elev. 186.93 m

DEPTH (m)	SOIL DESCRIPTION	UCS (kPa)	B	U	M	DEPT (m)	SOIL DESCRIPTION	UCS (kPa)	B	U	M
0	Asphalt/Rock Parking Lot					6	Brown Sandy Clay LOAM (continued)	422	13	S20	12
186.6	Gray Silty CLAY					19					
7						10	Brown SAND	249	19	S10	13
4		211				15					
5		S10	23			17	Brown & Gray Clay LOAM				
179.9						8					
-1.5						7					
4		172				16		584			
5		S10	24			22		S15	13		
2						7					
4		125				17		469			12
4		S10	26			22		B			
-3.0						6					
4		211				12		345			
6		S10	22			18		B			13
183.5	Brown & Gray Clay LOAM										
3											
4		153									
5		S10	23								
-4.5						5					
3		86				7		230			
4		S10	21			12		S15	15		
181.2	Brown Sandy Clay LOAM										
6		201									
9		B	14								
-6.0											

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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SOIL BORING LOG Page 2 of 2 Date 5/201

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COUNTY MADISON DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140#

STRUCT. NO. 060-0331 SB Station 39+883

BORING NO. US-SB1 Station 39+883 Offset 17.00m LT Ground Surface Elev. 186.93 m

DEPTH (m)	SOIL DESCRIPTION	UCS (kPa)	B	U	M	DEPT (m)	SOIL DESCRIPTION	UCS (kPa)	B	U	M
6	Brown & Gray Clay LOAM (continued)					7	Brown & Gray Clay LOAM	297	17		
9						48		S15			
13		249				50.0'					
13		S15	21								
-13.5						7					
11		335				13		S15	22		
13		S15	22								
10											
15		546				19					
18		S15	19								
-16.5						8					
11		383				13		S15	21		
13		S15	21								
-18.0											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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SOIL BORING LOG Page 1 of 2 Date 5/201

ROUTE FAP 310 DESCRIPTION IL 255 OVER US 67/L 111 LOGGED BY Larry Ford

SECTION 60-15HB-2 LOCATION Godfrey, SEC. 14, TWP. 6N, RNG. 10W, 3 PM

COUNTY MADISON DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140#

STRUCT. NO. 060-0330 NB Station 130963.41

BORING NO. US-SB2 Station 39+889 Offset 12.00m RT Ground Surface Elev. 186.61 m

DEPTH (m)	SOIL DESCRIPTION	UCS (kPa)	B	U	M	DEPT (m)	SOIL DESCRIPTION	UCS (kPa)	B	U	M
180.5	Brown & Gray Silty Clay LOAM (very sandy & gravelly)					16	(continued)	220	12		
180.2	Brown SILT					26		S5			
	Gray Clay LOAM					34		201			
						3		S5	23		
185.4	Gray Silty CLAY					9		565			
-1.5						17		S15	11		
4		192				11					
5		S10	22			21		S15	11		
184.7	Gray & Brown Clay LOAM					8					
3						13		498			
4		230				20		B	12		
6		S10	21								
-3.0						6					
4		211				10		278			
6		S10	19			13		B	13		
10											
15		546									
18		S15	19								
-16.5						5					
11		105				11		316			
13		S10	19			15		B	13		
4											
9		383									
11		S20	13								
180.9	(very sandy & gravelly)										
6.0											

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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SOIL BORING LOGS
FAP RTE. 310 (IL RTE. 255) OVER
IL RTE 111
SECTION 60-15HB-2
MADISON COUNTY
STATION 39+914.647
SN 060-0330 (NB) & 060-0331 (SB)

Klingner & Assoc., P.C.