CONTRACT NO. 76979

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
255	*	**	35	35
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* DIST 8 ITS 2007-1, 2A
** MADISON & ST CLAIR COUNTIES

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 12/22/06

ROUTE FAI 255 DESCRIPTION I-255 NB ITS Light Pole Foundation, South of Cahokia Canal LOGGED BY E. Stewart

SECTION Dist 8 ITS 2007-1, 2A LOCATION NE 14, SEC. 18, TWP. 3N, RNG. 8W, 3 PM

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

STRUCT. NO. 025527.6N.49C/43R
Station

BORING NO. #4
Station 1447+00
Offset 30.00ft Left EOP
Ground Surface Elev. ____ ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter Dry Hole ft
Upon Completion ____ ft
After ____ Hrs. ____ ft

Description	Depth (ft)	Blows (6")	UCS Qu (tsf)	Moist (%)
		7		
Medium Gray CLAY with Sand		8	0.28	
		16	S10	14
		8		
		6	2.52	18
		10	B20	
	-5	22		
		36	0.35	12
Light Gray Sandy LOAM		44	S5	
		18		
		10	2.13	
Medium to Fine SAND		12	S10	17
			NC	
Light Gray LOAM	-10	3		
		3	0.72	32
		3	B20	
		3		
		2	0.59	30
		2	B20	
	-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
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 12/6/06

ROUTE FAI 255 DESCRIPTION I-255 NB ITS Light Pole Foundation, South of IL 162 LOGGED BY E. Stewart

SECTION Dist 8 ITS 2007-1, 2A LOCATION NW 14, SEC. 7, TWP. 3N, RNG. 8W, 3 PM

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

STRUCT. NO. 025528.4N.50C/44R
Station

BORING NO. #5
Station 1493+00
Offset 27.00ft Right EOP
Ground Surface Elev. ____ ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter Dry Hole ft
Upon Completion ____ ft
After ____ Hrs. ____ ft

Description	Depth (ft)	Blows (6")	UCS Qu (tsf)	Moist (%)
		18		
Fine SAND		26	0.15	12
		36	S5	
		8		
		9	2.99	20
Dark Gray Silty LOAM		10	B20	
	-5	6		
Dark Gray Silty Clay LOAM		9	1.61	15
		8	B10	
		4		
		9	1.37	36
		12	B20	
	-10	4		
		4	1.88	37
		6	B20	
Light Gray Sandy CLAY		6		
		6	1.82	35
		8	B15	
	-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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORINGS
SHEET 2 OF 2

FAI 255
SECTION DIST 8 ITS 2007-1, 2A
MADISON AND ST. CLAIR COUNTIES

DATE 1/18/2007

PLOT DATE = 1/18/2007
FILE NAME = c:\projects\ed01385\electrical\itsplr01386e.dgn
PLOT SCALE = 45.9977 ' / IN.
REFERENCE = $MSFB