CONTRACT NO. 76979

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
255	*	**	35	34
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 — SOIL BORING LOG

Division of Highways
Illinois Department of Transportation

Page 1 of 1

Date 12/06

ROUTE FAI 255 DESCRIPTION I-255 NB ITS Light Tower Foundation at I-55/70 LOGGED BY E. Stewart

SECTION Dist 8 ITS 2007-1, 2A LOCATION SW 1/4, SEC. 23, TWP. 3N, RNG. 8W, 3 PM

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

STRUCT. NO. 025524.8N.40R
Station

BORING NO. #1
Station 1295+30
Offset 25.00ft 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 (%)
Light Gray Silty Clay LOAM		10		
		5	3.50	19
		7	P	
		8		
		7	0.86	20
		9	S6	
	-5	4		
		8	0.81	21
		11	S10	
Light Brown LOAM		18		
		24		14
		28	NC	
	-10	8		
		12	0.70	18
		19	S6	
		8		
		14		16
Light Gray Silty CLAY		22	NC	
	-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

Page 1 of 1

Date 12/06

ROUTE FAI 255 DESCRIPTION I-255 NB ITS Light Tower Foundation, South of Horseshoe Lake Road LOGGED BY E. Stewart

SECTION Dist 8 ITS 2007-1, 2A LOCATION S 1/2, SEC. 19, TWP. 3N, RNG. 8W, 3 PM

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

STRUCT. NO. 025525.6N.47C/41R
Station

BORING NO. #2
Station 1347+50
Offset 30.00ft 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 (%)
Brown SILT		19		
		12	0.90	15
		17	S/15	
		10		
		10	1.20	19
		11	S/10	
	-5	13		
		11	1.50	17
Gray Blue Sandy LOAM		17	S6	
		15		
Rusty SILT		13	4.5+	17
		11	P	
	-10	16		
		19	1.98	17
		18	S/10	
		10		
		14	4.50	17
Rusty Silt LOAM		20	P	
	-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

Page 1 of 1

Date 12/2/06

ROUTE FAI 255 DESCRIPTION I-255 SB ITS Light Pole Foundation, North of Horseshoe Lake Road LOGGED BY E. Stewart

SECTION Dist 8 ITS 2007-1, 2A LOCATION N1/2, SEC. 19, TWP. 3N, RNG. 8W, 3 PM

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

STRUCT. NO. 025526.6S.48C/42R
Station

BORING NO. #3
Station 1394+75
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 (%)
		5		
Medium Gray LOAM, Speckled with Sand		6	1.37	
		7	9/20	22
		5		
		4	0.37	35
Light Gray Clay LOAM		9	3/10	
	-5	13		
		12	0.66	15
		11	S/10	
		8		
Light Brow and Gray Sandy LOAM		8	1.78	20
		9	S/10	
	-10	15		
		14	NC	
Medium to Fine SAND		14	NC	5
		6		
Light Blue Gray CLAY		7	1.54	24
		12	S/10	
	-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 1 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\ed81396\electrical\tsp\d81396e.dgn
PLOT SCALE = 49.9977 ' / IN.
REFERENCE = REF