ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	***	BOND	99	67
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT=	

SHEET NO. 29
30 SHEETS

Contract #97366

***99-00036-00-BR

SOIL BORING LOG

HANSON
Hanson Professional Services Inc.

Date 7/1/06

ROUTE _____ DESCRIPTION Andrews Drive LOGGED BY RGC

SECTION 99-00036-00-BR LOCATION NE 1/4, SEC. 13, TWP. 5 N, RNG. 3 W

COUNTY Bond DRILLING METHOD HSA to 35 ft, mud rotary to 60 ft HAMMER TYPE auto

STRUCT. NO. 003-6000
Station 117+73.00

BORING NO. B-09
Station 119+06
Offset
Ground Surface Elev. 538.00 ft

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

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

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Brown & gray very fine sandy clayey silt/oxidized spots.			
	3		
	4	4.1	21.5
-5	5	BSh	
	2		
	3	2.1	25.3
529.50 -9	4	B	
Brown & gray fine sandy silty clay (trace small gravel).			
	1		
	2	1.6	22.1
	2	B	
	1		
	3	1.9	22.4
-10	3	BSh	
	1		
522.80	1	1.2	22.6
Brownish gray fine sandy silt/ some clay (trace coarse sand & small gravel) – calc.	5	B	
	3		
	6	4.5	11.7
-15	12	B	
519.00			
Gray fine sandy silt/some clay (trace coarse sand & small gravel) – calc.	5		
	9	6.6	10.8
	12	BSh	
	4		
	6	7.8	9.5
-20	12	B	

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Gray fine sandy silt/some clay (trace coarse sand & small gravel) – calc. (continued)			
	4		
	8	8.0	9.2
-25	13	B	
	5		
	9	7.8	9.5
-30	14	B	
	6		
	9	5.4	11.4
-35	14	B	
	4		
	8	5.0	13.6
-40	12	B	

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

HANSON
Hanson Professional Services Inc.

Date 7/1/06

ROUTE _____ DESCRIPTION Andrews Drive LOGGED BY RGC

SECTION 99-00036-00-BR LOCATION NE 1/4, SEC. 13, TWP. 5 N, RNG. 3 W

COUNTY Bond DRILLING METHOD HSA to 35 ft, mud rotary to 60 ft HAMMER TYPE auto

STRUCT. NO. 003-6000
Station 117+73.00

BORING NO. B-09
Station 119+06
Offset
Ground Surface Elev. 535.00 ft

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

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

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Gray fine sandy silt/some clay (trace coarse sand & small gravel) – calc. (continued)			
	3		
	6	3.1	16.2
-45	10	B	
	5		
	8		
-50	13		
483.00			
Gray silty fine to medium sand (trace coarse sand & small gravel).	12		
	23		10.6
-55	23		
	16		
	18		12.7
475.00 -60	22		

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

HANSON
Hanson Professional Services Inc.

Date 7/10/06

ROUTE _____ DESCRIPTION Andrews Drive LOGGED BY RGC

SECTION 99-00036-00-BR LOCATION NE 1/4, SEC. 13, TWP. 5 N, RNG. 3 W

COUNTY Bond DRILLING METHOD 3-3/4" HSA HAMMER TYPE auto

STRUCT. NO. 003-6000
Station 117+73.00

BORING NO. B-10
Station 119+85
Offset
Ground Surface Elev. 536.00 ft

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

Groundwater Elev.:
First Encounter 525.0 ft ▼
Upon Completion _____ ft
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Brown & gray very fine sandy silty clay /oxidized spots.			
	3		
	5	3.7	21.5
-5	6	BSh	
	3		
	3	1.4	18.6
530.50 -9	4	B	
Orange brown & gray fine sandy silty clay.			
	2		
	3	3.2	19.1
	5	P	
	2		
	2	1.9	25.4
-10	3	BSh	
▼			
	1		
	1	0.3	19.7
523.00	1	B	
Brown & gray fine sandy silt/ some clay (trace coarse sand & small gravel) – calc.	2		
	12	5.0	11.8
-15	13	BSh	
	9		
	18	10.3	10.5
513.00	22	Sh	
Gray fine sandy silt /some clay (trace coarse sand & small gravel) – calc.			
	3		
	8	6.2	8.9
-20	12	BSh	

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Gray fine sandy silt /some clay (trace coarse sand & small gravel) – calc. (continued)			
	5		
	10	7.8	9.1
-25	13	BSh	
	4		
	9	8.5	9.3
-30	13	BSh	
	4		
	9	7.2	9.6
-35	11	BSh	
	4		
	8	8.5	8.9
-40	11	BSh	
	6		
	10	8.0	9.8
-45	14	BSh	

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

HANSON
Hanson Professional Services Inc.

Date 7/10/06

ROUTE _____ DESCRIPTION Andrews Drive LOGGED BY RGC

SECTION 99-00036-00-BR LOCATION NE 1/4, SEC. 13, TWP. 5 N, RNG. 3 W

COUNTY Bond DRILLING METHOD 3-3/4" HSA HAMMER TYPE auto

STRUCT. NO. 003-6000
Station 117+73.00

BORING NO. B-10
Station 119+85
Offset
Ground Surface Elev. 536.00 ft

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

Groundwater Elev.:
First Encounter 525.0 ft ▼
Upon Completion _____ ft
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Gray fine sandy silt /some clay (trace coarse sand & small gravel) – calc. (continued)			
494.00			
Gray silty fine to medium sand (trace coarse sand, small gravel, & fine sandy silt seams) – calc.	14		
	20	3.1	10.0
-45	26	P	
	12		
	16		11.1
-50	27		
484.00			
Gray fine sandy clayey silt (trace coarse sand & small gravel)/ some clay – calc.	4		
	7	6.0	15.1
-55	9	B	
	4		
	8	4.5	11.4
476.00 -60	11	B	

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)

BORINGS (SHEET 2)
ANDREWS DRIVE over
U.S. ROUTE 40 ; CSX RR and IL. WESTERN RR
SEC. 99-00036-00-BR
STR. NO. 003-6000
CITY of GREENVILLE
BOND COUNTY
STATION 117+73.00

PROFESSIONAL DESIGN FIRM LICENSE #184-001084

© Copyright Hanson Professional Services Inc. 2008

HANSON
Hanson Professional Services Inc.

JOB NO. 04S2012

DATE 12/10/08

LAYOUT	MMM	03.07.08
DRAWN	DAP	03.07.08
RETRACED	MMM	03.07.08

12-23-2008
N:\04Jobs\04S2012\CADD\Struct\Sheet\Boring_09_JUdgn