ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	***	BOND	99	66
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 28
30 SHEETS

Contract #97366

***99-00036-00-BR

SOIL BORING LOG

Page 1 of 2

Hanson Professional Services Inc.

Date 7/12/06

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 20 ft, mud rotary to 60 ft HAMMER TYPE auto

STRUCT. NO. 003-6000
Station 117+73.00

BORING NO. B-07
Station 115+88
Offset
Ground Surface Elev. 532.00 ft

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

Groundwater Elev.:
First Encounter 517.5 ft ▼
Upon Completion _____ ft
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Brown very fine sandy silty clay / oxidized spots.			
	2 4 5	3.1 BSh	27.7
	1 3 3	1.9 BSh	24.3
-5			
	1 2 4	1.8 B	24.0
	2 2 4	1.9 BSh	25.4
-10			
521.50 Gray fine sandy silty clay (trace small gravel).			
	WH 2 3	1.1 BSh	27.4
	1 2 2	1.1 BSh	22.1
▼ -15			
516.50 Gray fine sandy clayey silt (trace coarse sand & small gravel) – calc.			
	3 9 14	4.9 BSh	11.0
	4 6 9	5.2 B	10.1
-20			
Gray fine sandy clayey silt (trace coarse sand & small gravel) – calc. (continued)			
	4 5 7	2.1 B	13.6
-25			
	3 5 6	3.3 B	12.4
-30			
	5 7 9	3.3 B	12.0
-35			
	4 6 9	3.7 B	12.0
-40			

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

Page 2 of 2

Hanson Professional Services Inc.

Date 7/12/06

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 20 ft, mud rotary to 60 ft HAMMER TYPE auto

STRUCT. NO. 003-6000
Station 117+73.00

BORING NO. B-07
Station 115+88
Offset
Ground Surface Elev. 532.00 ft

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

Groundwater Elev.:
First Encounter 517.5 ft ▼
Upon Completion _____ ft
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Gray fine sandy clayey silt (trace coarse sand & small gravel) – calc. (continued)			
	4 6 9	3.5 B	14.1
-45			
	4 6 8	2.7 B	13.9
-50			
	6 8 33	1.7 P	15.2
-55			
477.40 Gray silty fine to medium sand / some coarse sand & small gravel.			
	15 17 22		14.4
472.00 -60 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

Page 1 of 2

Hanson Professional Services Inc.

Date 7/11/06

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 20 ft, mud rotary to 60 ft HAMMER TYPE auto

STRUCT. NO. 003-6000
Station 117+73.00

BORING NO. B-08
Station 117+20
Offset
Ground Surface Elev. 533.00 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 very fine sandy clayey silt / roots.			
	5 7 7		14.3
	2 3 3		14.3
-5			
527.50 Yellow brown & gray fine sandy silty clay /oxidized spots.			
	1 3 3	2.0 P	19.2
	2 2 3	1.4 B	22.7
-10			
	1 3 2	1.2 BSh	20.4
520.00 Brown fine sandy clayey silt (trace coarse sand & small gravel) – calc.			
	3 9 11	5.8 B	11.5
-15			
	4 10 16	5.8 BSh	11.1
	4 19 22		11.2
-20			
512.00 Brown fine sandy clayey silt (trace coarse sand & small gravel) – calc. (continued)			
Gray fine sandy clayey silt (trace coarse sand & small gravel) – calc.			
	5 7 12	6.0 B	9.5
-25			
	16 22 30	9.8 Sh	8.6
-30			
	12 22 20	10.5 Sh	10.0
-35			
	7 11 16	8.9 BSh	10.1
-40			

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

Page 2 of 2

Hanson Professional Services Inc.

Date 7/11/06

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 20 ft, mud rotary to 60 ft HAMMER TYPE auto

STRUCT. NO. 003-6000
Station 117+73.00

BORING NO. B-08
Station 117+20
Offset
Ground Surface Elev. 533.00 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 clayey silt (trace coarse sand & small gravel) – calc. (continued)			
491.00 Gray silty fine sand (trace clay).			
	20 37 40		17.2
-45			
	21 32 48	8.1 Sh	11.0
-50			
481.00 Gray fine sandy clayey silt (trace coarse sand & small gravel) – calc.			
	5 8 10	3.5 B	14.2
-55			
	6 6 11	3.9 B	13.7
473.00 -60 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 1)
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. 0452012

DATE 12/10/08

LAYOUT	MRM	03/07/08
DRAWN	DAP	03/07/08
REVIEWED	MRM	03/07/08

12:23:2008
I:\04Jobs\0452012\C4DDStruct\Sheet\Boring_07_08.dgn