ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	***	BOND	99	68
-				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 30
30 SHEETS

Contract #97366

***99-00036-00-BR

HANSON
Hanson Professional Services Inc.

SHELBY TUBE TEST RESULTS

Date 7/12/06

ROUTE _____ DESCRIPTION Andrews Drive DRILLED BY Geotechnology

SECTION 99-00036-00-BR LOCATION NE 14, SEC. 13, TWP. 5 N, RNG. 3 W

COUNTY Bond STRUCT. NO. 003-6000
Station 117+73.00

BORING NO. B-07S
Station 115+95
Offset _____
Ground Surface Elev. 532.00 ft Tube Length 30 in
Begin Sampling Depth -1 ft Tube Diameter 3 in

SOIL TYPE, DESCRIPTION AND OBSERVATIONS	DEPTH (ft)	SPECIMEN (no)	RECOVERY (%)	UNIT WEIGHT (pcf)	STRENGTH (tsf)	MOISTURE (%)	TRIAXIAL DATA COHESION (tsf)	TRIAXIAL DATA PHI ANG. (deg)	TRIAXIAL DATA TEST TYPE
Brn. & gray vf. sandy silty clay /silt seams.		1-1		115.8	1.9	21.3			
Brn. & gray vf. sandy silty clay.		1-2		119.2	1.8	24.3			
Brn. & gray vf. sandy silty clay /ox. spots.		1-3	75	126.9		22.0			
Brn. & gray vf. sandy silty clay /ox. spots & silt seams.		2-1			1.8	20.8			
Brn. & gray vf. sandy silty clay, tr. silt seams.		2-2		124.1	2.7	22.8			
Brn. & gray vf. sandy silty clay /ox. spots & tr. silt seams.	-5	2-3	75	123.4	2.1	23.4			
Brn. & gray vf. sandy silty clay /ox. spots & silt seams.		3-1		123.0	1.7	23.8			
Brn. & gray vf. sandy silty clay /ox. spots & silt seams.		3-2			2.4				UC
Brn. & gray vf. sandy silty clay /ox. spots & silt seams.		3-3	75	125.5	2.4	23.2			
	-10								

The "Unit Weight" column indicates the "wet" or 'moist" unit weight of the sample
The "Strength" column represents the "unconfined compressive" strength of the sample (AASHTO T 208)
The "Test Type" indicates if Unconsolidated Undrained (UU) or Consolidated Undrained (CU) test procedures (AASHTO T 296 or T 297) were used

BMPR FORM 1004A (Rev. 8-99)

HANSON
Hanson Professional Services Inc.

SHELBY TUBE TEST RESULTS

Date 7/10/06

ROUTE _____ DESCRIPTION Andrews Drive DRILLED BY Geotechnology

SECTION 99-00036-00-BR LOCATION NE 14, SEC. 13, TWP. 5 N, RNG. 3 W

COUNTY Bond STRUCT. NO. 003-6000
Station 117+73.00

BORING NO. B-11
Station 119+85
Offset 10.00ft RT
Ground Surface Elev. 536.00 ft Tube Length 30 in
Begin Sampling Depth -3 ft Tube Diameter 3 in

SOIL TYPE, DESCRIPTION AND OBSERVATIONS	DEPTH (ft)	SPECIMEN (no)	RECOVERY (%)	UNIT WEIGHT (pcf)	STRENGTH (tsf)	MOISTURE (%)	TRIAXIAL DATA COHESION (tsf)	TRIAXIAL DATA PHI ANG. (deg)	TRIAXIAL DATA TEST TYPE
Brn. & gray vf. sandy silty clay /ox. spots (tr. silt seams).		1-1		123.7	1.8	23.1			
Brn. & gray vf. sandy silty clay /ox. spots (tr. silt seams).		1-2		129.0	1.6	21.7			
Brn. & gray vf. sandy silty clay /ox. spots (tr. silt seams).		1-3		127.7	1.6	17.1			UC
No sample	-5	1-4	75						
Brn. & gray vf. sandy silty clay (tr. silt seams).		2-1		128.4	1.2	18.2			
Brn. & gray vf. sandy silty clay (tr. silt seams).		2-2		126.6	1.2	17.5			
Brn. & gray vf. sandy silty clay (tr. silt seams).		2-3		126.0	1.8	18.6			
No sample		2-4	75						
Brn. f. sandy silty clay (tr. sm. gravel).		3-1		125.1	1.4	20.4			
Brn. f. sandy silty clay (tr. sm. gravel).		3-2		126.4	2.1	20.9			
Brn. f. sandy silty clay (tr. sm. gravel).		3-3		127.6	1.8	20.3			
Brn. f. sandy silty clay (tr. sm. gravel).		3-4	100	127.0	1.7	20.9			
Brn. f. sandy silty (tr. c. sand, sm. gravel & brn. & gray f. sandy clayey silt.		4-1		125.0	1.4	20.7			
Brn. f. sandy silt (tr. c. sand).	-10	4-2		127.2	1.7	22.4			
Brn. f. sandy silt (tr. c. sand).		4-3		127.0	1.6	19.8			
Brn. f. sandy silt (tr. c. sand).		4-4	100	125.5	0.7	21.4			UC
Brn. f. sandy silty (tr. sm. gravel).		5-1		127.8	0.6	23.1			
Brn. f. sandy silty (tr. sm. gravel).		5-2		126.1	0.8	21.5			
Brn. vf.-f. sandy silty clay (tr. c. sand & sm. gravel).		5-3		139.7	3.1	12.8			
Brn. vf.-f. sandy silty clay (tr. c. sand & sm. gravel).		5-4	100	138.0	3.1	12.9			
Brn. vf.-f. sandy silty clay (tr. c. sand, sm. gravel & cobbles.).		6-1		140.7	3.3	17.6			
No sample		6-2	25						
	-15								

The "Unit Weight" column indicates the "wet" or 'moist" unit weight of the sample
The "Strength" column represents the "unconfined compressive" strength of the sample (AASHTO T 208)
The "Test Type" indicates if Unconsolidated Undrained (UU) or Consolidated Undrained (CU) test procedures (AASHTO T 296 or T 297) were used

BMPR FORM 1004A (Rev. 8-99)

BORINGS (SHEET 3)
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

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JOB NO. 04S2012

DATE 12/10/08

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

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