

### SCHEDULE A

# THE HEALTH CARE PLAN OF TRANSYLVANIA COUNTY RESULTS OF DECEMBER 31, 2010 ACTUARIAL VALUATION

MEMBERSHIP Active Members								
Law Enforcement Officers								
Number		16						
Annual Compensation	\$	866,998						
General Employees								
Number		38						
Annual Compensation	\$	1,803,977						
Retired Members								
Number		15						

VALUATION BALANCE SHEET	
Accrued Actuarial Liabilities	
Present value of benefits (based on credited service to date) payable in respect of:	
(1) Present retired members and beneficiaries	\$ 1,003,842
(2) Present active members	 2,453,868
(3) Total accrued actuarial liabilities [(1)+(2)]	\$ 3,457,710
Present and Prospective Assets	
(4) Present assets	\$ 0
(5) Present value of future accrued liability contributions	
(Unfunded accrued liability) [(3)-(4)]	 3,457,710
(6) Total present and prospective assets	\$ 3,457,710



## SCHEDULE A

(continued)

ANNUAL REQUIRED	CONTRIBUTION	(ARC)
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Air	WOAL REQUIRED CONTRIBUTION (ARC)					
	Rate as % of Compensation	Annual Amount				
Normal Cost Accrued Liability	4.11% 	\$	109,687 212,822			
Total	12.08%	\$	322,509			



## SCHEDULE A (continued)

The information presented in the required supplementary schedules was determined as part of the actuarial valuation at December 31, 2010. Additional information as of the latest actuarial valuation follows.

Valuation date	12/31/2010
Actuarial cost method	Projected unit credit
Amortization method	Level Dollar Amount, closed
Remaining amortization period	25 years
Asset valuation method	Market Value of Assets
Actuarial assumptions: Investment Rate of Return*	4.00%
Medical cost trend rate Year of Ultimate trend rate	10.50% - 5.00% 2018
*Includes inflation at	3.00%

The assumed investment rate of return reflects the fact that no assets are set aside within Transylvania County that are legally held exclusively for retiree health benefits. If a trust or equivalent arrangement were set up for this purpose, the investment rate of return may be increased.



### **SCHEDULE B**

### THE HEALTH CARE PLAN OF TRANSYLVANIA COUNTY

# ACCOUNTING INFORMATION IN ACCORDANCE WITH GOVERNMENTAL ACCOUNTING STANDARDS BOARD STATEMENTS NO. 43 AND 45

### Annual OPEB Cost and Net OPEB Obligation for Fiscal Year Ending 6/30/2012

(a)	Employer Annual Required Contribution	\$	322,509
(b)	Valuation Discount Rate		4.00%
(c)	Interest on Net OPEB Obligation: (b) * (i)		11,752
(d)	Amortization Factor		28.9774
(e)	Adjustment to Annual Required Contribution: (i) / (d)		10,139
(f)	Annual OPEB Cost: $(a) + (c) - (e)$	\$	324,122
(g)	Employer Contributions made for Fiscal Year Ending 6/30/2012		TBD
(h)	Increase (decrease) in Net OPEB Obligation: (f) - (g)	-	TBD
(i)	Net OPEB Obligation Beginning of Fiscal Year		293,797
(j)	Net OPEB Obligation End of Fiscal Year: (h) + (i)		TBD

### **Trend Information\*\***

	Annual OPEB Cost	Percentage of AOC	Net OPEB
Fiscal Year Ending	(AOC)	<b>Contributed</b>	<u>Obligation</u>
6/30/2009	\$ 186,824	47.7%	\$ 89,121
6/30/2010	\$ 186,824	44.7%	\$ 192,536
6/30/2011	\$ 187,291	45.9%	\$ 293,797
6/30/2012	\$ 324,122	TBD	TBD

<sup>\*\*</sup>The historical information displayed above was provided by the County's June 30, 2010 Comprehensive Annual Financial Report.

## REQUIRED SUPPLEMENTARY INFORMATION Schedule of Funding Progress

			orr amaning rr			
		Actuarial Accrued				UAAL as a
	Actuarial	Liability (AAL)	Unfunded			Percentage of
Actuarial	Value of	Projected	AAL	Funded	Covered	Covered
Valuation	Assets	Unit Credit	(UAAL)	Ratio	Payroll	Payroll
<u>Date</u>	<u>(a)</u>	<u>(b)</u>	(b-a)	<u>(a/b)</u>	(c)	((b-a)/c)
12/31/2008	\$ 0	\$ 2,732,561	\$ 2,732,561	0.0%	\$ 2,961,340	92.3%
12/31/2010	\$ 0	\$ 3,457,710	\$ 3,457,710	0.0%	\$ 2,670,975	129.5%



### SCHEDULE C

### THE HEALTH CARE PLAN OF TRANSYLVANIA COUNTY **OUTLINE OF ACTUARIAL ASSUMPTIONS AND METHODS**

The actuarial assumptions have been updated based on the most recent experience analysis of the North Carolina Local Governmental Employees' Retirement System.

INTEREST RATE: 4.00% per annum, compounded annually.

GENERAL EMPLOYEES: Representative values of the annual rates of separation from service are as follows:

	ANNUAL RATE OF												
				Withdra	wal and								
	With	drawal		Ves	ting*	Base Mo	rtality**	Disability					
Service	Male	Female	Age	Male	Female	Male	Female	Male	Female				
0	30.0%	30.0%	25	6.0%	8.0%	0.04%	0.02%	0.04%	0.05%				
1	17.3%	20.0%	30	6.0%	7.0%	0.06%	0.03%	0.10%	0.09%				
2	14.5%	16.0%	35	6.0%	7.0%	0.09%	0.05%	0.25%	0.15%				
3	12.0%	13.0%	40	4.0%	5.0%	0.12%	0.07%	0.45%	0.30%				
4	10.0%	12.5%	45	4.0%	4.0%	0.17%	0.11%	0.55%	0.40%				
			50	4.0%	4.0%	0.24%	0.17%	0.80%	0.48%				
			55	4.0%	4.0%	0.36%	0.25%	1.00%	0.65%				
			60	4.0%	4.0%	0.59%	0.39%	1.00%	0.85%				
			65			0.86%	0.58%						
			69			1.09%	0.73%						

<sup>\*</sup> These rates apply only after five years of membership in the system.

\*\* Base mortality rates as of December 31, 2003.

	ANNUAL RATE OF RETIREMENT - MALES											
Age	5	10	15	20	25	30	35					
50				5.0%	7.0%	30.0%	30.0%					
55				4.0%	10.0%	25.0%	17.5%					
60	8.0%	8.0%	8.0%	8.0%	27.5%	40.0%	25.0%					
65	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%					
70	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%					
75	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%					

	ANNUAL RATE OF RETIREMENT - FEMALES											
Age	5	10	15	20	25	30	35					
50				7.0%	5.0%	25.0%	25.0%					
55				5.0%	10.0%	32.5%	17.5%					
60	9.0%	9.0%	9.0%	9.0%	30.0%	40.0%	27.5%					
65	35.0%	35.0%	35.0%	35.0%	35.0%	35.0%	35.0%					
70	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%					
75	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%					



### SCHEDULE C

(continued)

*LAW ENFORCEMENT OFFICERS*: Representative values of the annual rates of separation from service are as follows:

	ANNUAL RATE OF											
				Withdra	wal and							
	Witho	Irawal		Vest	ing*	Base Mo	ortality**	Disa	ibility			
Service	Male	Female	Age	Male	Female	Male	Female	Male	Female			
0	15.0%	15.0%	25	4.50%	4.50%	0.04%	0.02%	0.12%	0.25%			
1	10.0%	10.0%	30	4.50%	4.50%	0.06%	0.04%	0.16%	0.32%			
2	9.0%	9.0%	35	4.50%	4.50%	0.09%	0.06%	0.40%	0.45%			
3	7.5%	7.5%	40	3.50%	3.50%	0.12%	0.09%	0.60%	0.59%			
4	7.5%	7.5%	45	3.50%	3.50%	0.17%	0.13%	0.80%	0.80%			
			50	3.50%	3.50%	0.24%	0.20%	0.80%	0.80%			
			55	3.50%	3.50%	0.36%	0.30%					
			60	3.50%	3.50%	0.59%	0.47%					
			65			0.86%	0.66%					
			69			1.09%	0.83%					

<sup>\*</sup>These rates apply only after five years of membership in the system.

\*\*Base mortality rates as of December 31, 2003.

	ANNUAL RATE OF RETIREMENT						
Age	5	10	15	20	25	30	35
50			4.0%	4.0%	4.0%	40.0%	40.0%
55	30.0%	30.0%	30.0%	30.0%	30.0%	65.0%	40.0%
60	20.0%	20.0%	20.0%	20.0%	20.0%	65.0%	30.0%
65	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%
70	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%	30.0%
75	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%



## SCHEDULE C (continued)

**DEATHS AFTER RETIREMENT:** Healthy: According to the RP-2000 Healthy Annuitant Mortality table with Projection Scale AA from 2004 set forward two years for male general employees, all law enforcement officers, and unadjusted for female general employees. Disabled: According to the RP-2000 Mortality tables for disabled annuitants set back six years for males and set forward one year for females.

ASSET VALUATION METHOD: Market value.

**HEALTH CARE COST TREND RATES:** Following is a chart detailing trend assumptions.

Year	Trend
2011	10.50%
2012	9.50%
2013	8.50%
2014	7.50%
2015	6.50%
2016	6.00%
2017	5.50%
2018 and beyond	5.00%

AGE RELATED MORBIDITY: Per capita costs are adjusted to reflect expected cost changes related to age. The increase to the net incurred claims was assumed to be:

Participant Age	Annual Increase
<30	0.0%
30 – 34	1.0%
35 – 39	1.5%
40 – 44	2.0%
45 – 49	2.6%
50 – 54	3.3%
55 – 59	3.6%
60 - 64	4.2%
65 and over	0.0%



### SCHEDULE C

(continued)

ANTICIPATED PLAN PARTICIPATION: Representative values of the assumed annual rates of member participation and spouse coverage are as follows:

Years of Service	Minimum Age	
At Retirement	At Retirement	<b>Participation</b>
15 - 19	60	20.00%
20 - 29	55	90.00%
30 or more	N/A	100.00%
Spouse Coverage		35.00%

Wives are assumed to be four years younger than husbands.

ANNUAL EXPECTED MEDICAL/RX/DENTAL/VISION CLAIMS (AGE ADJUSTED TO AGE 65): The claims were developed using premiums, which were assumed to cover the true cost. Following is a chart detailing expected claims age adjusted to age 65 for the year following the valuation date:

Pre-65 \$10,612

ACTUARIAL METHOD: Costs were determined using the Projected Unit Credit Actuarial Cost Method. The annual service cost is the present value of the portion of the projected benefit attributable to participation service during the upcoming year, and the Actuarial Accrued Liability (AAL) is equal to the present value of the portion of the projected benefit attributable to service before the valuation date. Service from hire date through full retirement eligibility date was used in allocating costs.

BENEFITS VALUED: Medical, drug, dental, and vision benefits for retirees under age 65.



### **SCHEDULE D**

## THE HEALTH CARE PLAN OF TRANSYLVANIA COUNTY SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS

#### **Benefits**

### Eligibility for Allowance

Employees with 10 years of service as of July 1, 2006 who elected the retiree medical plan option and who retire from Transylvania County with at least 50% of their service time with Transylvania County who also meet the North Carolina Local Governmental Employees' Retirement System (NCLGERS) retirement conditions and meet one of the following eligibility conditions are able to participate in the County's group insurance plan at retirement.

- (1) A minimum of 30 years of service
- (2) Age 55 and completion of 20 years of service
- (3) Age 60 and completion of 15 years of service

### Amount of Allowance

The County will contribute to the cost of retiree insurance premiums based on the years of service at retirement using the following schedule:

Years of Service at Retirement	Minimum Age	County Contribution
30 or more	None	100%
20 or more	55	80%
15 or more	60	60%

### Other Post Employment Benefits

Health care, prescription drug, dental and vision coverage are provided in the County's group health insurance plan to eligible retirees until they become eligible for Medicare.

### Dependent Coverage

The retiree may continue dependent coverage (and pay the full cost of this coverage) if enrolled in dependent coverage at the time of retirement. Dependent coverage terminates upon the spouse becoming eligible for Medicare (attaining age 65) or upon the retirees' death, whichever occurs first.



# SCHEDULE D (Continued)

### **Current Monthly Premiums**

The following is the basis of retiree premiums by tier. The effective date of coverage is July 1, 2011:

Tier	Retiree Cost Basis
Employee	\$ 480.83
Employee/Children	730.23
Employee/Spouse	988.35
Employee/Family	1,366.95