



**THE INITIAL ACTUARIAL VALUATION FOR
SUNRISE BEACH FIRE PROTECTION DISTRICT
AS OF APRIL 30, 2016**

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June 13, 2016

Sunrise Beach Fire Protection District
Sunrise Beach, Missouri

Ladies and Gentlemen:

Submitted in this report are the results of the actuarial valuation prepared to determine the employer contribution rates required to support, for your employees, the benefits provided by the Missouri Local Government Employees Retirement System (LAGERS). This report contains the information needed to comply with Missouri state disclosure requirements regarding the adoption of LAGERS benefits by a political subdivision (Sections 105.660 - 106.685 RSMo).

The contribution requirement for benefits likely to accrue as a result of the future service of your employees is described on pages 4 thru 11 as the current cost plus the disability cost. This contribution rate, expressed as a percent of active employee payroll, will depend on the benefit program adopted.

The contribution requirement to pay for benefits likely to result from service rendered by your employees before you join LAGERS is described on pages 4 thru 11 as the prior service cost. The value established for prior service is called the unfunded actuarial accrued liability (these amounts are further described in Appendix I). The prior service cost is the rate of contribution designed to pay for the unfunded actuarial accrued liability over a period of not more than 30 years.

Section 70.730 of the Revised Statutes of Missouri requires participating employers to contribute the current cost, disability cost, and prior service cost (the total employer cost as shown on pages 4 thru 11). These contributions are mandatory after official action has been taken to join the System.

The total annual dollar costs shown on pages 12 and 13 represent the dollar cost of each benefit program for a one year period based on the payroll reported for this actuarial valuation. In budgeting amounts for LAGERS contributions you should consider any changes in payroll which have been made since data was submitted for the valuation and any changes anticipated to be made before the end of the period for which you are preparing the budget.

The actuarial assumptions and methods used to determine the stated costs are described in Appendix II of this report. In our opinion, they do produce results which, in the aggregate, are reasonable. Additional miscellaneous and technical assumptions as well as disclosures required by the actuarial standards of practice may be found in the LAGERS Compiled Annual Actuarial Valuation report as of February 28, 2015.

The computed contributions required for LAGERS participation will permit the System to continue to operate in accordance with the actuarial principles of level cost financing and the state law which governs LAGERS. Summary provisions of the law as well as benefit illustrations can be found in Appendices III and IV.

Projections needed to comply with Missouri state disclosure requirements (Section 105.665 of the RSMo) regarding the adoption of LAGERS benefits by a political subdivision are available upon request from LAGERS.

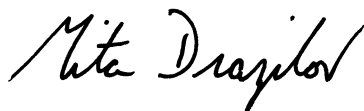
Please note that this entire report must be available as public information for at least 45 calendar days prior to the date final official action is taken by your governing body to join the System. You may wish to make notice of this report in the official minutes of the next meeting of your governing body. This action would not be binding on your subdivision, yet would establish the beginning date of the 45 day waiting period.

In accordance with LAGERS Board policy, the employer contribution rates established by this valuation report are valid for purposes of joining the System for a two year period from the date of this valuation which was April 30, 2016. The valuation was based on data furnished from your records concerning individual employees (see Appendix V).

If you have any questions concerning this report or LAGERS in general, please contact the LAGERS office in Jefferson City.

Mita Drazilov is a member of the American Academy of Actuaries and meets the Qualification Standards of the Academy of Actuaries to render the actuarial opinion herein.

Respectfully submitted,

A handwritten signature in black ink that reads "Mita Drazilov". The signature is written in a cursive, flowing style.

Mita D. Drazilov, ASA, MAAA

Alternate Plan Provisions Affecting Employer Contribution Rates

The law governing LAGERS provides for either a contributory plan or a non-contributory plan, with benefits based on either a 5 year or 3 year Final Average Salary (FAS).

Contributory Plan. Under the contributory plan, each covered member contributes 4% of compensation to LAGERS. If an employee terminates before being eligible for an immediate benefit, the member's contributions, plus any interest credited to the member's individual account, are refunded upon request.

Non-Contributory Plan. Under the non-contributory plan, there is no individual employee contribution to the plan, no individual account maintained for each employee, and no refund paid to employees who terminate before being eligible for a benefit.

The law further provides for nine different benefit programs (benefit formula factors) and allows an employer to elect "rule of 80" eligibility for benefits. Under the rule of 80, employees are eligible for unreduced benefits at the earlier of (i) attainment of their minimum service retirement age or (ii) such time as their years of age plus years of LAGERS credited service equals 80.

In total this allows for 72 different combinations of benefit plans, giving employers considerable latitude in designing the retirement program which they feel best suits their particular situation.

The applicable combinations of these items may be changed from time to time, however, there are limitations on the frequency of changes. A more detailed description of plan provisions may be found in Appendix III of this report.

Sunrise Beach Fire Protection District

Employer Contribution Rates (Contributory Plan - 5 Year FAS)
 (4% member contributions are additional)

Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	0.00%	3.00%	0.20%	3.20%
	Fire	2.10	4.00	0.20	6.30
L-3	General	0.00	4.50	0.20	4.70
	Fire	2.60	5.80	0.20	8.60
LT-4(65)	General	0.00	3.70	0.20	3.90
	Fire	2.70	6.20	0.20	9.10
LT-5(65)	General	0.00	5.00	0.20	5.20
	Fire	3.10	7.50	0.20	10.80
L-7	General	0.00	6.00	0.20	6.20
	Fire	3.20	7.60	0.20	11.00
LT-8(65)	General	0.00	6.30	0.20	6.50
	Fire	3.50	8.70	0.20	12.40
L-12	General	0.00	7.40	0.30	7.70
	Fire	3.70	9.40	0.30	13.40
LT-14(65)	General	0.00	7.60	0.30	7.90
	Fire	3.80	10.10	0.30	14.20
L-6	General	0.00	8.90	0.30	9.20
	Fire	4.20	11.40	0.30	15.90

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

Sunrise Beach Fire Protection District

Employer Contribution Rates (Contributory Plan - 3 Year FAS)
 (4% member contributions are additional)

Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	0.00%	3.20%	0.20%	3.40%
	Fire	2.10	4.40	0.20	6.70
L-3	General	0.00	4.80	0.20	5.00
	Fire	2.70	6.20	0.20	9.10
LT-4(65)	General	0.00	4.00	0.20	4.20
	Fire	2.80	6.50	0.20	9.50
LT-5(65)	General	0.00	5.30	0.20	5.50
	Fire	3.20	7.90	0.20	11.30
L-7	General	0.00	6.30	0.20	6.50
	Fire	3.30	8.00	0.20	11.50
LT-8(65)	General	0.00	6.70	0.20	6.90
	Fire	3.60	9.20	0.20	13.00
L-12	General	0.00	7.80	0.30	8.10
	Fire	3.80	10.00	0.30	14.10
LT-14(65)	General	0.00	8.00	0.30	8.30
	Fire	4.00	10.50	0.30	14.80
L-6	General	0.00	9.40	0.30	9.70
	Fire	4.40	11.80	0.30	16.50

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

Sunrise Beach Fire Protection District

Employer Contribution Rates (Non-Contributory Plan - 5 Year FAS)
(No member contributions)

Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	0.00%	6.60%	0.20%	6.80%
	Fire	2.20	7.80	0.20	10.20
L-3	General	0.00	8.20	0.20	8.40
	Fire	2.70	9.60	0.20	12.50
LT-4(65)	General	0.00	7.40	0.20	7.60
	Fire	2.80	10.00	0.20	13.00
LT-5(65)	General	0.00	8.70	0.20	8.90
	Fire	3.20	11.30	0.20	14.70
L-7	General	0.00	9.70	0.20	9.90
	Fire	3.30	11.40	0.20	14.90
LT-8(65)	General	0.00	10.10	0.20	10.30
	Fire	3.60	12.50	0.20	16.30
L-12	General	0.00	11.30	0.30	11.60
	Fire	3.80	13.20	0.30	17.30
LT-14(65)	General	0.00	11.40	0.30	11.70
	Fire	4.00	13.80	0.30	18.10
L-6	General	0.00	12.80	0.30	13.10
	Fire	4.40	15.10	0.30	19.80

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

Sunrise Beach Fire Protection District

Employer Contribution Rates (Non-Contributory Plan - 3 Year FAS)
(No member contributions)

Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	0.00%	6.90%	0.20%	7.10%
	Fire	2.30	8.10	0.20	10.60
L-3	General	0.00	8.50	0.20	8.70
	Fire	2.80	10.00	0.20	13.00
LT-4(65)	General	0.00	7.60	0.20	7.80
	Fire	2.90	10.30	0.20	13.40
LT-5(65)	General	0.00	9.00	0.20	9.20
	Fire	3.30	11.70	0.20	15.20
L-7	General	0.00	10.10	0.20	10.30
	Fire	3.40	11.80	0.20	15.40
LT-8(65)	General	0.00	10.40	0.20	10.60
	Fire	3.70	13.00	0.20	16.90
L-12	General	0.00	11.70	0.30	12.00
	Fire	4.00	13.70	0.30	18.00
LT-14(65)	General	0.00	11.90	0.30	12.20
	Fire	4.10	14.30	0.30	18.70
L-6	General	0.00	13.30	0.30	13.60
	Fire	4.50	15.60	0.30	20.40

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

Sunrise Beach Fire Protection District

Employer Contribution Rates (Contributory Plan - 5 Year FAS)
 (4% member contributions are additional)

Rule of 80 Retirement Eligibility#

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	0.00%	3.40%	0.20%	3.60%
	Fire	2.10	4.40	0.20	6.70
L-3	General	0.00	5.00	0.20	5.20
	Fire	2.70	6.10	0.20	9.00
LT-4(65)	General	0.00	4.60	0.20	4.80
	Fire	2.90	6.80	0.20	9.90
LT-5(65)	General	0.00	5.80	0.20	6.00
	Fire	3.30	8.10	0.20	11.60
L-7	General	0.00	6.60	0.20	6.80
	Fire	3.30	8.00	0.20	11.50
LT-8(65)	General	0.00	7.10	0.20	7.30
	Fire	3.60	9.40	0.20	13.20
L-12	General	0.00	8.10	0.30	8.40
	Fire	3.80	10.00	0.30	14.10
LT-14(65)	General	0.00	8.40	0.30	8.70
	Fire	4.00	10.60	0.30	14.90
L-6	General	0.00	9.70	0.30	10.00
	Fire	4.40	11.80	0.30	16.50

The cost for the Rule of 80 provision is very dependent upon the age at hire of the employees. If hiring practices in the future differ from those of the past, the cost for this provision could increase or decrease. The cost shown is based on the age and service characteristics of the present group.

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

Sunrise Beach Fire Protection District

Employer Contribution Rates (Contributory Plan - 3 Year FAS)
 (4% member contributions are additional)

Rule of 80 Retirement Eligibility#

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	0.00%	3.60%	0.20%	3.80%
	Fire	2.20	4.50	0.20	6.90
L-3	General	0.00	5.30	0.20	5.50
	Fire	2.80	6.50	0.20	9.50
LT-4(65)	General	0.00	4.80	0.20	5.00
	Fire	3.00	7.20	0.20	10.40
LT-5(65)	General	0.00	6.20	0.20	6.40
	Fire	3.40	8.50	0.20	12.10
L-7	General	0.00	6.90	0.20	7.10
	Fire	3.40	8.50	0.20	12.10
LT-8(65)	General	0.00	7.50	0.20	7.70
	Fire	3.80	9.80	0.20	13.80
L-12	General	0.00	8.60	0.30	8.90
	Fire	4.00	10.40	0.30	14.70
LT-14(65)	General	0.00	8.90	0.30	9.20
	Fire	4.20	11.10	0.30	15.60
L-6	General	0.00	10.20	0.30	10.50
	Fire	4.60	12.40	0.30	17.30

The cost for the Rule of 80 provision is very dependent upon the age at hire of the employees. If hiring practices in the future differ from those of the past, the cost for this provision could increase or decrease. The cost shown is based on the age and service characteristics of the present group.

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

Sunrise Beach Fire Protection District

Employer Contribution Rates (Non-Contributory Plan - 5 Year FAS)
(No member contributions)

Rule of 80 Retirement Eligibility#

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	0.00%	7.00%	0.20%	7.20%
	Fire	2.30	8.10	0.20	10.60
L-3	General	0.00	8.70	0.20	8.90
	Fire	2.80	9.90	0.20	12.90
LT-4(65)	General	0.00	8.20	0.20	8.40
	Fire	3.00	10.60	0.20	13.80
LT-5(65)	General	0.00	9.50	0.20	9.70
	Fire	3.40	11.90	0.20	15.50
L-7	General	0.00	10.30	0.20	10.50
	Fire	3.40	11.80	0.20	15.40
LT-8(65)	General	0.00	10.90	0.20	11.10
	Fire	3.80	13.10	0.20	17.10
L-12	General	0.00	11.90	0.30	12.20
	Fire	4.00	13.70	0.30	18.00
LT-14(65)	General	0.00	12.20	0.30	12.50
	Fire	4.10	14.40	0.30	18.80
L-6	General	0.00	13.60	0.30	13.90
	Fire	4.50	15.60	0.30	20.40

The cost for the Rule of 80 provision is very dependent upon the age at hire of the employees. If hiring practices in the future differ from those of the past, the cost for this provision could increase or decrease. The cost shown is based on the age and service characteristics of the present group.

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

Sunrise Beach Fire Protection District

Employer Contribution Rates (Non-Contributory Plan - 3 Year FAS)
(No member contributions)

Rule of 80 Retirement Eligibility#

Benefit Program	Employee Groups	Percents of Active Member Payroll			
		Prior Service Cost *	Current Cost	Disability Cost	Total Employer Contribution Rate
L-1	General	0.00%	7.30%	0.20%	7.50%
	Fire	2.30	8.30	0.20	10.80
L-3	General	0.00	9.00	0.20	9.20
	Fire	2.90	10.30	0.20	13.40
LT-4(65)	General	0.00	8.50	0.20	8.70
	Fire	3.10	11.00	0.20	14.30
LT-5(65)	General	0.00	9.90	0.20	10.10
	Fire	3.50	12.30	0.20	16.00
L-7	General	0.00	10.70	0.20	10.90
	Fire	3.50	12.30	0.20	16.00
LT-8(65)	General	0.00	11.30	0.20	11.50
	Fire	3.90	13.60	0.20	17.70
L-12	General	0.00	12.40	0.30	12.70
	Fire	4.10	14.20	0.30	18.60
LT-14(65)	General	0.00	12.70	0.30	13.00
	Fire	4.30	14.90	0.30	19.50
L-6	General	0.00	14.10	0.30	14.40
	Fire	4.70	16.20	0.30	21.20

The cost for the Rule of 80 provision is very dependent upon the age at hire of the employees. If hiring practices in the future differ from those of the past, the cost for this provision could increase or decrease. The cost shown is based on the age and service characteristics of the present group.

* Assumes that credit is granted for 100% of service rendered prior to the membership date. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

Sunrise Beach Fire Protection District

Employer Contribution Dollars

Regular Retirement Eligibility

Employer contributions are payable monthly, and each month's actual dollar contribution will be the contribution percent multiplied by the payroll during the month. If payroll during your first year of LAGERS participation equals the annual payroll reported for this valuation, the approximate employer dollar contribution for the year would be as follows:

Contributory Plan

5 Year FAS		
Benefit Program	General	Fire
L-1	\$ 802	\$ 48,925
L-3	1,178	66,786
LT-4(65)	977	70,669
LT-5(65)	1,303	83,871
L-7	1,554	85,424
LT-8(65)	1,629	96,296
L-12	1,930	104,062
LT-14(65)	1,980	110,275
L-6	2,306	123,477

3 Year FAS		
Benefit Program	General	Fire
L-1	\$ 852	\$ 52,031
L-3	1,253	70,669
LT-4(65)	1,053	73,775
LT-5(65)	1,379	87,754
L-7	1,629	89,307
LT-8(65)	1,729	100,956
L-12	2,030	109,498
LT-14(65)	2,080	114,934
L-6	2,431	128,136

Non-Contributory Plan

5 Year FAS		
Benefit Program	General	Fire
L-1	\$ 1,704	\$ 79,211
L-3	2,105	97,073
LT-4(65)	1,905	100,956
LT-5(65)	2,231	114,158
L-7	2,481	115,711
LT-8(65)	2,582	126,583
L-12	2,907	134,349
LT-14(65)	2,932	140,562
L-6	3,283	153,763

3 Year FAS		
Benefit Program	General	Fire
L-1	\$ 1,780	\$ 82,318
L-3	2,181	100,956
LT-4(65)	1,955	104,062
LT-5(65)	2,306	118,041
L-7	2,582	119,594
LT-8(65)	2,657	131,243
L-12	3,008	139,785
LT-14(65)	3,058	145,221
L-6	3,409	158,423

PLEASE NOTE THAT THE ABOVE INFORMATION IS BASED ON THE PERSONNEL AND PAYROLL DATA SUBMITTED FOR THE ACTUARIAL VALUATION. IN BUDGETING AMOUNTS FOR LAGERS CONTRIBUTIONS YOU SHOULD CONSIDER ANY CHANGES WHICH HAVE BEEN MADE SINCE DATA WAS SUBMITTED FOR THE VALUATION AND ANY CHANGES ANTICIPATED TO BE MADE BEFORE THE END OF THE PERIOD FOR WHICH YOU ARE PREPARING THE BUDGET.

Sunrise Beach Fire Protection District

Employer Contribution Dollars

Rule of 80 Retirement Eligibility

Employer contributions are payable monthly, and each month's actual dollar contribution will be the contribution percent multiplied by the payroll during the month. If payroll during your first year of LAGERS participation equals the annual payroll reported for this valuation, the approximate employer dollar contribution for the year would be as follows:

Contributory Plan

5 Year FAS		
Benefit Program	General	Fire
L-1	\$ 902	\$ 52,031
L-3	1,303	69,892
LT-4(65)	1,203	76,882
LT-5(65)	1,504	90,084
L-7	1,704	89,307
LT-8(65)	1,830	102,509
L-12	2,105	109,498
LT-14(65)	2,181	115,711
L-6	2,506	128,136

3 Year FAS		
Benefit Program	General	Fire
L-1	\$ 952	\$ 53,584
L-3	1,379	73,775
LT-4(65)	1,253	80,765
LT-5(65)	1,604	93,967
L-7	1,780	93,967
LT-8(65)	1,930	107,168
L-12	2,231	114,158
LT-14(65)	2,306	121,147
L-6	2,632	134,349

Non-Contributory Plan

5 Year FAS		
Benefit Program	General	Fire
L-1	\$ 1,805	\$ 82,318
L-3	2,231	100,179
LT-4(65)	2,105	107,168
LT-5(65)	2,431	120,370
L-7	2,632	119,594
LT-8(65)	2,782	132,796
L-12	3,058	139,785
LT-14(65)	3,133	145,998
L-6	3,484	158,423

3 Year FAS		
Benefit Program	General	Fire
L-1	\$ 1,880	\$ 83,871
L-3	2,306	104,062
LT-4(65)	2,181	111,051
LT-5(65)	2,531	124,253
L-7	2,732	124,253
LT-8(65)	2,882	137,455
L-12	3,183	144,444
LT-14(65)	3,258	151,434
L-6	3,609	164,636

PLEASE NOTE THAT THE ABOVE INFORMATION IS BASED ON THE PERSONNEL AND PAYROLL DATA SUBMITTED FOR THE ACTUARIAL VALUATION. IN BUDGETING AMOUNTS FOR LAGERS CONTRIBUTIONS YOU SHOULD CONSIDER ANY CHANGES WHICH HAVE BEEN MADE SINCE DATA WAS SUBMITTED FOR THE VALUATION AND ANY CHANGES ANTICIPATED TO BE MADE BEFORE THE END OF THE PERIOD FOR WHICH YOU ARE PREPARING THE BUDGET.

Sunrise Beach Fire Protection District

Employees and Payroll Included in the Valuation

	General	Fire
Number of Employees	1	18
Annual Payroll	\$ 25,064	\$ 776,583

Information regarding the age and service characteristics of the employees is contained in Appendix V.

APPENDIX I

**UNFUNDED ACTUARIAL
ACCRUED LIABILITY**

UNFUNDED ACTUARIAL ACCRUED LIABILITY (UAAL)

If the decision is made to join LAGERS the governing body also must decide how much credit to grant employees for their service before the membership date. The options are to cover 25%, 50%, 75% or 100% of prior service. The granting of prior service credit results in the establishment of an actuarial accrued liability. Because your political subdivision will not have established an asset balance with the System as of the membership date, the value established for prior service is an unfunded actuarial accrued liability.

The policy of the LAGERS Board of Trustees provides that unfunded liabilities are to be paid for by level percent of payroll contributions over a period of 30 years. The contribution rates shown on pages 4 through 11 as the "Prior Service Cost" are designed to pay for the applicable unfunded actuarial accrued liability. This procedure will allow your political subdivision to retire the unfunded actuarial accrued liability in an orderly fashion over a period of years without the need for an immediate large payment upon joining the System.

Should the governing body elect to grant credit for 100% of the employees' prior service, the unfunded actuarial accrued liability as of the date of this valuation would be as follows:

Sunrise Beach Fire Protection District

Regular Retirement Eligibility

Benefit Group	Employee Group	Contributory		Non-Contributory	
		UAAL (5 Year FAS)	UAAL (3 Year FAS)	UAAL (5 Year FAS)	UAAL (3 Year FAS)
L-1	General Fire	\$ 1 290,431	\$ - 302,089	\$ - 306,969	\$ 4 318,581
L-3	General Fire	- 367,139	2 381,424	- 383,753	1 398,280
LT-4(65)	General Fire	1 376,858	- 391,782	- 392,912	8 407,807
LT-5(65)	General Fire	- 431,939	3 448,730	- 448,250	- 465,161
L-7	General Fire	- 443,510	- 460,645	4 460,596	6 477,866
LT-8(65)	General Fire	- 486,728	- 505,522	1 503,565	6 522,476
L-12	General Fire	4 519,531	- 539,511	5 537,340	- 557,549
LT-14(65)	General Fire	3 541,127	5 561,939	- 558,845	- 579,842
L-6	General Fire	- 595,549	- 618,299	- 614,094	- 637,196

Sunrise Beach Fire Protection District

UNFUNDED ACTUARIAL ACCRUED LIABILITY (UAAL)

Rule of 80 Retirement Eligibility

Benefit Group	Employee Group	Contributory		Non-Contributory	
		UAAL (5 Year FAS)	UAAL (3 Year FAS)	UAAL (5 Year FAS)	UAAL (3 Year FAS)
L-1	General Fire	\$ 13 301,818	\$ - 313,955	\$ 3 318,425	\$ - 330,585
L-3	General Fire	- 381,297	- 396,265	- 397,998	- 413,174
LT-4(65)	General Fire	4 403,708	1 419,694	- 419,745	- 435,763
LT-5(65)	General Fire	- 457,646	- 475,615	- 474,049	- 492,025
L-7	General Fire	- 460,411	9 478,388	2 477,676	5 495,751
LT-8(65)	General Fire	7 511,357	9 531,243	6 528,373	1 548,412
L-12	General Fire	2 539,310	- 560,186	- 557,280	- 578,424
LT-14(65)	General Fire	7 564,807	- 586,626	- 582,638	- 604,744
L-6	General Fire	- 618,190	- 641,880	- 636,899	2 660,952

APPENDIX II

SUMMARY OF FINANCIAL ASSUMPTIONS

Summary of Assumptions Used in Actuarial Valuations

Assumptions Adopted by Board of Trustees After Consulting With Actuary

1. The investment return rate used in making the valuations was 7.25% per year, compounded annually. This rate of return is not the assumed real rate of return. The real rate of return is the rate of investment return in excess of the inflation rate. Considering other financial assumptions, the 7.25% investment return rate translates to an assumed real rate of return of 3.75%. Adopted 2011.
2. The mortality table used to evaluate mortality among active members was 75% of the RP-2000 Combined Healthy Table set back 0 years for men and 0 years for women. It was assumed that 50% of pre-retirement deaths would be duty related. Adopted 2011.
3. The mortality table used in evaluating allowances to be paid was 105% of the 1994 Group Annuity Mortality Table, set back 0 years for men and 0 years for women. The disability post-retirement rates were equal to the standard rates set forward 10 years. Adopted 2011.
4. The probabilities of withdrawal from service, together with individual pay increase assumptions, are shown in Schedule 1. Adopted 2011.
5. The probabilities of retirement with an age and service allowance are shown in Schedule 2. Adopted 2011.
6. Total active member payroll is assumed to increase 3.5% a year, which is the portion of the individual pay increase assumptions attributable to wage inflation. In effect, this assumes no change in the number of active members per employer. Adopted 2011.
7. An individual entry-age actuarial cost method of valuation was used in determining age and service allowance actuarial liabilities and normal cost. Adopted 1986.
8. The data about persons now covered was furnished by the political subdivision. Although examined for general reasonableness, the data was not audited by us.
9. The actuarial valuation computations were made by or under the supervision of a Member of the American Academy of Actuaries (M.A.A.A.).

Schedule 1.

**Withdrawal From Active Employment Before Age & Service Retirement
and Individual Pay Increase Assumptions**

Sample Ages	Years of Service	Percent of Active Members Separating Within Next Year				Percent Increase in Individual's Pay During Next Year Excluding Fire
		General Members		Police	Fire	
		Men	Women			
All	0	18.00%	21.00%	18.00%	8.00%	
	1	16.00	20.00	17.00	7.00	
	2	14.00	16.00	16.00	6.00	
	3	11.00	13.00	13.00	6.00	
	4	9.00	12.00	12.00	5.00	
25	5 & Over	7.50	10.70	10.10	5.00	6.8%
30		6.50	9.40	8.00	4.00	6.0
35		5.10	7.20	6.10	2.80	5.5
40		3.80	5.50	4.70	2.20	5.0
45		3.00	4.20	3.60	1.80	4.5
50		2.40	3.40	1.80	1.00	4.1
55		1.80	2.50	1.00	0.50	3.9
60		1.00	1.20	0.00	0.00	3.8
65	0.00	0.00	0.00	0.00	3.5	

Percent Increase in Individual's Pay During Next Year	
Sample Ages	Fire
25	8.6%
30	6.7
35	5.4
40	4.7
45	4.4
50	4.1
55	3.9
60	3.8
65	3.5

Schedule 2.

**Percent of Eligible Active Members Retiring Within Next Year
Without Rule of 80 Eligibility**

Early Retirement

Retirement Ages	General Members		Retirement Ages	Police	Fire
	Men	Women			
55	2.50%	3.00%	50	3.00%	2.50%
56	2.50%	3.00%	51	3.00%	2.50%
57	2.50%	3.00%	52	3.00%	2.50%
58	2.50%	3.00%	53	3.00%	2.50%
59	2.50%	3.00%	54	3.00%	2.50%

Normal Retirement

Retirement Ages	General Members		Retirement Ages	Police	Fire
	Men	Women			
60	10%	10%	55	10%	15%
61	10	10	56	10	15
62	25	15	57	10	10
63	25	15	58	10	15
64	20	15	59	10	15
65	25	20	60	10	20
66	25	25	61	10	10
67	20	20	62	25	30
68	20	20	63	20	30
69	20	15	64	20	25
70	100	100	65	100	100

Schedule 2. (Continued)

**Percent of Eligible Active Members Retiring Within Next Year
With Rule of 80 Eligibility**

Retirement Ages	General Members		Police	Fire
	Men	Women		
50	15%	15%	25%	25%
51	15	15	25	15
52	15	15	15	15
53	15	15	15	15
54	15	15	15	15
55	15	15	15	15
56	15	15	15	15
57	15	15	15	15
58	15	15	15	15
59	15	15	15	20
60	15	15	15	30
61	15	15	25	30
62	30	15	30	45
63	30	15	30	45
64	30	20	30	45
65	30	25	100	100
66	30	25		
67	30	25		
68	30	25		
69	30	25		
70	100	100		

APPENDIX III

**SUMMARY OF
LAGERS PROVISIONS**

Missouri Local Government Employees Retirement System
Brief Summary of LAGERS
Benefits and Conditions Evaluated and/or Considered
as of February 28, 2015
(Section references are to RSMo)

Voluntary Retirement. Sections 70.645 & 70.600. A member may retire with an age & service allowance after both (i) completing 5 years of credited service, and (ii) attaining the minimum service retirement age.

The minimum service retirement age is age 60 for a general employee and age 55 for a police or fire employee. Optionally, employers may also elect to provide for unreduced benefits for employees whose combination of years of age and years of service equals 80 or more.

Final Average Salary. Section 70.600. The average of a member's monthly compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) of credited service producing the highest monthly average, which period is contained within the 120 consecutive months of credited service immediately preceding retirement.

Age & Service Allowance. Section 70.655. The allowance, payable monthly for life, equals a specified percent of a member's final average salary multiplied by the number of years of credited service. Each employer elects the percent applicable to its members, from the following programs:

L-1 Benefit Program:	1.00% for life
L-3 Benefit Program:	1.25% for life
L-7 Benefit Program:	1.50% for life
L-12 Benefit Program:	1.75% for life
L-6 Benefit Program:	2.00% for life
LT-4(65) Benefit Program:	1.00% for life, plus 1.00% to age 65
LT-5(65) Benefit Program:	1.25% for life, plus 0.75% to age 65
LT-8(65) Benefit Program:	1.50% for life, plus 0.50% to age 65
LT-14(65) Benefit Program:	1.75% for life, plus 0.25% to age 65

The only LT benefit programs available for adoption after August 1, 1994 are the LT(65) programs.

Benefit programs L-9 and LT-10(65) are unavailable for adoption after August 1, 2005.

Benefit program L-11, available only to groups not covered by social security, provides for 2.5% for life.

Subsequent to joining the System the governing body can elect to change benefit programs for the employees, but not more often than once every 2 years.

Early Allowance. Section 70.670. A member may retire with an early allowance after both (i) completing 5 years of credited service, and (ii) attaining age 55 if a general employee or age 50 if a police or fire employee.

The early allowance amount, payable monthly for life, is computed in the same manner as an age & service allowance, based upon the service and earnings record to time of early retirement, but reduced to reflect the fact that the age when payments begin is younger than the minimum service retirement age. The amount of the reduction is 1/2 of 1% (.005) for each month the age at retirement is younger than the minimum service retirement age.

Deferred Allowance. Section 70.675. If a member leaves LAGERS-covered employment (i) before attaining the early retirement age, and (ii) after completing 5 years of credited service, the member becomes eligible for a deferred allowance; provided the former member lives to the minimum service retirement age and does not withdraw the accumulated contributions.

The deferred allowance amount, payable monthly for life from the minimum service retirement age, is computed in the same manner as an age & service allowance, based upon the service and earnings record to time of leaving LAGERS coverage.

Deferred allowances are also payable any time after reaching the early retirement age, with the reduction for early retirement noted on the previous page.

Non-Duty Disability Allowance. Section 70.680. A member with 5 or more years of credited service who becomes totally and permanently disabled from other than duty-connected causes becomes eligible to receive a non-duty disability allowance computed in the same manner as an age & service allowance, based upon the service & earnings record to time of disability.

Duty Disability Allowance. Section 70.680. A member regardless of credited service who becomes totally and permanently disabled from duty-connected causes becomes eligible to receive a duty disability allowance computed in the same manner as an age & service allowance, based upon the earnings record to time of disability but based upon the years of credited service the member would have completed had the member continued in LAGERS-covered employment to age 60.

Death-in-Service. Section 70.661. Upon the death of a member who had completed 5 years of credited service, the eligible surviving dependents receive the following benefits:

(a) The surviving spouse receives an allowance equal to the Option A allowance (joint and 75% survivor benefit) computed based upon the deceased members' service & earnings record to time of death.

(b) When no spouse benefit is payable, the dependent children under age 18 (age 23 if they are full time students) each receive an equal share of 60% of an age & service allowance computed based upon the deceased member's service & earnings record to time of death.

(c) If the death is determined to be duty related, the 5 year service requirement is waived and the benefit is based on years of credited service the member would have completed had the member continued in LAGERS-covered employment to age 60.

Benefit Changes After Retirement. Section 70.655. For retirements effective after September 28, 1975, there is an annual redetermination of monthly benefit amount, beginning the October first following 12 months of retirement. As of each October first the amount of each eligible benefit is redetermined as follows:

(a) Subject to the maximum in (b), the redetermined amount is the amount other-wise payable multiplied by: 100% plus up to 4%, as determined by the LAGERS Board of Trustees, for each full year of retirement.

(b) The redetermined amount may not exceed the amount otherwise payable multiplied by the ratio of the Consumer Price Index for the immediately preceding month of June to the Consumer Price Index for the month of June immediately preceding retirement.

Member Contributions. Sections 70.690 & 70.705. Each member contributes 4% of compensation beginning after completion of sufficient employment for 6 months of credited service.

If a member leaves LAGERS-covered employment before an allowance is payable, the accumulated contributions are refunded to the member. If the member dies, his accumulated contributions are refunded to a designated beneficiary.

The law governing LAGERS also has a provision for the adoption of a non-contributory plan in which the full cost of LAGERS participation is paid by the employer. Adoption of the non-contributory provisions may be done at the time of membership or a later date; however, a change from contributory to non-contributory or vice-versa may not be made more frequently than every 2 years. Under the non-contributory provisions there is no individual account maintained for each employee and no refund of contributions if an employee terminates before being eligible for a benefit.

Employer Contributions. Section 70.730. Each employer contributes the remainder amounts necessary to finance the employees' participation in LAGERS. Contributions to LAGERS are determined based upon level-percent-of-payroll principles, so that contribution rates do not have to increase over decades of time.

APPENDIX IV

**BENEFIT
ILLUSTRATIONS**

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(L-1 Benefit Program is Years of Credited Service
times: 1.00% of FAS ¹)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 525	\$ 875	\$1,400	93%
2,000	700	1,020	1,720	86%
2,500	875	1,165	2,040	82%
3,000	1,050	1,312	2,362	79%
3,500	1,225	1,457	2,682	77%
4,000	1,400	1,602	3,002	75%
25 Years of Service:				
\$1,500	\$ 375	\$ 875	\$1,250	83%
2,000	500	1,020	1,520	76%
2,500	625	1,165	1,790	72%
3,000	750	1,312	2,062	69%
3,500	875	1,457	2,332	67%
4,000	1,000	1,602	2,602	65%
15 Years of Service:				
\$1,500	\$225	\$ 875	\$1,100	73%
2,000	300	1,020	1,320	66%
2,500	375	1,165	1,540	62%
3,000	450	1,312	1,762	59%
3,500	525	1,457	1,982	57%
4,000	600	1,602	2,202	55%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2015 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(L-3 Benefit Program is Years of Credited Service
times: 1.25% of FAS ¹)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 656	\$ 875	\$1,531	102%
2,000	875	1,020	1,895	95%
2,500	1,094	1,165	2,259	90%
3,000	1,313	1,312	2,625	88%
3,500	1,531	1,457	2,988	85%
4,000	1,750	1,602	3,352	84%
25 Years of Service:				
\$1,500	\$ 469	\$ 875	\$1,344	90%
2,000	625	1,020	1,645	82%
2,500	781	1,165	1,946	78%
3,000	938	1,312	2,250	75%
3,500	1,094	1,457	2,551	73%
4,000	1,250	1,602	2,852	71%
15 Years of Service:				
\$1,500	\$281	\$ 875	\$1,156	77%
2,000	375	1,020	1,395	70%
2,500	469	1,165	1,634	65%
3,000	563	1,312	1,875	63%
3,500	656	1,457	2,113	60%
4,000	750	1,602	2,352	59%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2015 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(L-7 Benefit Program is Years of Credited Service
times: 1.50% of FAS ¹)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 788	\$ 875	\$1,663	111%
2,000	1,050	1,020	2,070	104%
2,500	1,313	1,165	2,478	99%
3,000	1,575	1,312	2,887	96%
3,500	1,838	1,457	3,295	94%
4,000	2,100	1,602	3,702	93%
25 Years of Service:				
\$1,500	\$ 563	\$ 875	\$1,438	96%
2,000	750	1,020	1,770	89%
2,500	938	1,165	2,103	84%
3,000	1,125	1,312	2,437	81%
3,500	1,313	1,457	2,770	79%
4,000	1,500	1,602	3,102	78%
15 Years of Service:				
\$1,500	\$338	\$ 875	\$1,213	81%
2,000	450	1,020	1,470	74%
2,500	563	1,165	1,728	69%
3,000	675	1,312	1,987	66%
3,500	788	1,457	2,245	64%
4,000	900	1,602	2,502	63%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2015 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(L-12 Benefit Program is Years of Credited Service
times: 1.75% of FAS ¹)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 919	\$ 875	\$1,794	120%
2,000	1,225	1,020	2,245	112%
2,500	1,531	1,165	2,696	108%
3,000	1,838	1,312	3,150	105%
3,500	2,144	1,457	3,601	103%
4,000	2,450	1,602	4,052	101%
25 Years of Service:				
\$1,500	\$ 656	\$ 875	\$1,531	102%
2,000	875	1,020	1,895	95%
2,500	1,094	1,165	2,259	90%
3,000	1,313	1,312	2,625	88%
3,500	1,531	1,457	2,988	85%
4,000	1,750	1,602	3,352	84%
15 Years of Service:				
\$1,500	\$ 394	\$ 875	\$1,269	85%
2,000	525	1,020	1,545	77%
2,500	656	1,165	1,821	73%
3,000	788	1,312	2,100	70%
3,500	919	1,457	2,376	68%
4,000	1,050	1,602	2,652	66%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2015 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(L-6 Benefit Program is Years of Credited Service
times: 2.00% of FAS ¹)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³	Estimated Social Security ²	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$1,050	\$ 875	\$1,925	128%
2,000	1,400	1,020	2,420	121%
2,500	1,750	1,165	2,915	117%
3,000	2,100	1,312	3,412	114%
3,500	2,450	1,457	3,907	112%
4,000	2,800	1,602	4,402	110%
25 Years of Service:				
\$1,500	\$ 750	\$ 875	\$1,625	108%
2,000	1,000	1,020	2,020	101%
2,500	1,250	1,165	2,415	97%
3,000	1,500	1,312	2,812	94%
3,500	1,750	1,457	3,207	92%
4,000	2,000	1,602	3,602	90%
15 Years of Service:				
\$1,500	\$ 450	\$ 875	\$1,325	88%
2,000	600	1,020	1,620	81%
2,500	750	1,165	1,915	77%
3,000	900	1,312	2,212	74%
3,500	1,050	1,457	2,507	72%
4,000	1,200	1,602	2,802	70%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2015 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(LT-4(65) Benefit Program is Years of Credited Service
times: 2.00% of FAS¹ to age 65)
1.00% of FAS¹ at age 65)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³		Estimated Social Security ²	Estimated Monthly Total		Percent of FAS	
	To 65	At 65		To 65	At 65	To 65	At 65
35 Years of Service:							
\$1,500	\$1,050	\$ 525	\$ 875	\$1,050	\$1,400	70%	93%
2,000	1,400	700	1,020	1,400	1,720	70%	86%
2,500	1,750	875	1,165	1,750	2,040	70%	82%
3,000	2,100	1,050	1,312	2,100	2,362	70%	79%
3,500	2,450	1,225	1,457	2,450	2,682	70%	77%
4,000	2,800	1,400	1,602	2,800	3,002	70%	75%
25 Years of Service:							
\$1,500	\$ 750	\$ 375	\$ 875	\$ 750	\$1,250	50%	83%
2,000	1,000	500	1,020	1,000	1,520	50%	76%
2,500	1,250	625	1,165	1,250	1,790	50%	72%
3,000	1,500	750	1,312	1,500	2,062	50%	69%
3,500	1,750	875	1,457	1,750	2,332	50%	67%
4,000	2,000	1,000	1,602	2,000	2,602	50%	65%
15 Years of Service:							
\$1,500	\$ 450	\$225	\$ 875	\$ 450	\$1,100	30%	73%
2,000	600	300	1,020	600	1,320	30%	66%
2,500	750	375	1,165	750	1,540	30%	62%
3,000	900	450	1,312	900	1,762	30%	59%
3,500	1,050	525	1,457	1,050	1,982	30%	57%
4,000	1,200	600	1,602	1,200	2,202	30%	55%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2015 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(LT-5(65) Benefit Program is Years of Credited Service
times: 2.00% of FAS¹ to age 65)
1.25% of FAS¹ at age 65)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³		Estimated Social Security ²	Estimated Monthly Total		Percent of FAS	
	To 65	At 65		To 65	At 65	To 65	At 65
35 Years of Service:							
\$1,500	\$1,050	\$ 656	\$ 875	\$1,050	\$1,531	70%	102%
2,000	1,400	875	1,020	1,400	1,895	70%	95%
2,500	1,750	1,094	1,165	1,750	2,259	70%	90%
3,000	2,100	1,313	1,312	2,100	2,625	70%	88%
3,500	2,450	1,531	1,457	2,450	2,988	70%	85%
4,000	2,800	1,750	1,602	2,800	3,352	70%	84%
25 Years of Service:							
\$1,500	\$ 750	\$ 469	\$ 875	\$ 750	\$1,344	50%	90%
2,000	1,000	625	1,020	1,000	1,645	50%	82%
2,500	1,250	781	1,165	1,250	1,946	50%	78%
3,000	1,500	938	1,312	1,500	2,250	50%	75%
3,500	1,750	1,094	1,457	1,750	2,551	50%	73%
4,000	2,000	1,250	1,602	2,000	2,852	50%	71%
15 Years of Service:							
\$1,500	\$ 450	\$281	\$ 875	\$ 450	\$1,156	30%	77%
2,000	600	375	1,020	600	1,395	30%	70%
2,500	750	469	1,165	750	1,634	30%	65%
3,000	900	563	1,312	900	1,875	30%	63%
3,500	1,050	656	1,457	1,050	2,113	30%	60%
4,000	1,200	750	1,602	1,200	2,352	30%	59%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2015 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(LT-8(65) Benefit Program is Years of Credited Service
times: 2.00% of FAS¹ to age 65)
1.50% of FAS¹ at age 65)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³		Estimated Social Security ²	Estimated Monthly Total		Percent of FAS	
	To 65	At 65		To 65	At 65	To 65	At 65
35 Years of Service:							
\$1,500	\$1,050	\$ 788	\$ 875	\$1,050	\$1,663	70%	111%
2,000	1,400	1,050	1,020	1,400	2,070	70%	104%
2,500	1,750	1,313	1,165	1,750	2,478	70%	99%
3,000	2,100	1,575	1,312	2,100	2,887	70%	96%
3,500	2,450	1,838	1,457	2,450	3,295	70%	94%
4,000	2,800	2,100	1,602	2,800	3,702	70%	93%
25 Years of Service:							
\$1,500	\$ 750	\$ 563	\$ 875	\$ 750	\$1,438	50%	96%
2,000	1,000	750	1,020	1,000	1,770	50%	89%
2,500	1,250	938	1,165	1,250	2,103	50%	84%
3,000	1,500	1,125	1,312	1,500	2,437	50%	81%
3,500	1,750	1,313	1,457	1,750	2,770	50%	79%
4,000	2,000	1,500	1,602	2,000	3,102	50%	78%
15 Years of Service:							
\$1,500	\$ 450	\$338	\$ 875	\$ 450	\$1,213	30%	81%
2,000	600	450	1,020	600	1,470	30%	74%
2,500	750	563	1,165	750	1,728	30%	69%
3,000	900	675	1,312	900	1,987	30%	66%
3,500	1,050	788	1,457	1,050	2,245	30%	64%
4,000	1,200	900	1,602	1,200	2,502	30%	63%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2015 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

Missouri LAGERS
Illustrations of Age and Service Allowance Amounts
For Sample Combinations of Service & Salary
(LT-14(65) Benefit Program is Years of Credited Service
times: 2.00% of FAS¹ to age 65)
1.75% of FAS¹ at age 65)

Final Average Salary (FAS) ¹	LAGERS BENEFIT ³		Estimated Social Security ²	Estimated Monthly Total		Percent of FAS	
	To 65	At 65		To 65	At 65	To 65	At 65
35 Years of Service:							
\$1,500	\$1,050	\$ 919	\$ 875	\$1,050	\$1,794	70%	120%
2,000	1,400	1,225	1,020	1,400	2,245	70%	112%
2,500	1,750	1,531	1,165	1,750	2,696	70%	108%
3,000	2,100	1,838	1,312	2,100	3,150	70%	105%
3,500	2,450	2,144	1,457	2,450	3,601	70%	103%
4,000	2,800	2,450	1,602	2,800	4,052	70%	101%
25 Years of Service:							
\$1,500	\$ 750	\$ 656	\$ 875	\$ 750	\$1,531	50%	102%
2,000	1,000	875	1,020	1,000	1,895	50%	95%
2,500	1,250	1,094	1,165	1,250	2,259	50%	90%
3,000	1,500	1,313	1,312	1,500	2,625	50%	88%
3,500	1,750	1,531	1,457	1,750	2,988	50%	85%
4,000	2,000	1,750	1,602	2,000	3,352	50%	84%
15 Years of Service:							
\$1,500	\$ 450	\$ 394	\$ 875	\$ 450	\$1,269	30%	85%
2,000	600	525	1,020	600	1,545	30%	77%
2,500	750	656	1,165	750	1,821	30%	73%
3,000	900	788	1,312	900	2,100	30%	70%
3,500	1,050	919	1,457	1,050	2,376	30%	68%
4,000	1,200	1,050	1,602	1,200	2,652	30%	66%

¹ "Final Average Salary" means the monthly average of an employee's compensation during the period of 60 consecutive months (or optionally, 36 consecutive months) when they were highest, contained within the last 120 months of Credited Service.

² "Estimated Social Security" means, for an employee covered by Social Security, an employee's estimated OASDI retirement benefit and is based upon an estimated "average indexed monthly earnings" for an employee retiring at age 65 in 2015 - it does not include any amounts which might be payable to an eligible spouse or children.

³ Amounts are shown to nearest \$1, for simplicity; actual amounts are to nearest 1¢.

APPENDIX V

**AGE AND SERVICE
CHARACTERISTICS OF
EMPLOYEES**

Sunrise Beach Fire Protection District - General

April 30, 2016

By Attained Age and Years of Service

Attained Age	Years of Service to Valuation Date							Totals	
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.	Valuation Payroll
Under 20									
20-24									
25-29									
30-34									
35-39	1							1	\$ 25,064
40-44									
45-49									
50-54									
55-59									
60-64									
65-69									
70 & Over									
Totals	1							1	\$ 25,064

While not used in the financial computations, the following group averages are computed and shown because of their general interest.

Age: 36.5 years.

Benefit Service: 0.4 years.

Annual Pay: \$ 25,064.

Sunrise Beach Fire Protection District - Fire

April 30, 2016

By Attained Age and Years of Service

Attained Age	Years of Service to Valuation Date							Totals	
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.	Valuation Payroll
Under 20	1							1	\$ 32,432
20-24	2							2	\$ 67,066
25-29	3							3	\$ 99,269
30-34	5	1						6	\$ 257,181
35-39	1	1	1					3	\$ 138,538
40-44	1							1	\$ 40,040
45-49									
50-54									
55-59	1			1				2	\$ 142,057
60-64									
65-69									
70 & Over									
Totals	14	2	1	1				18	\$ 776,583

While not used in the financial computations, the following group averages are computed and shown because of their general interest.

Age: 33.4 years.

Benefit Service: 3.6 years.

Annual Pay: \$ 43,144.

June 13, 2016 E-mail

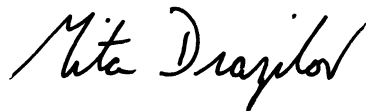
Mr. Keith Hughes, Executive Secretary
Missouri Local Government
Employees Retirement System
P.O. Box 1665
Jefferson City, Missouri 65102

Dear Keith:

Enclosed is the report of the April 30, 2016 Initial Actuarial
Valuation of LAGERS benefits for the employees of

Sunrise Beach Fire Protection District

Sincerely,



Mita D. Drazilov

MDD:adh

June 13, 2016

Sunrise Beach Fire Protection District
Sunrise Beach, Missouri

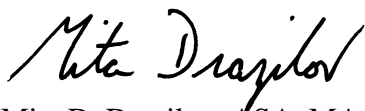
Ladies and Gentlemen:

This report contains projections needed to comply with Missouri state disclosure requirements (Section 105.660 of the RSMo) regarding the adoption of LAGERS benefits by a political subdivision. This report is intended to be a supplement to the April 30, 2016 Initial Valuation for the Sunrise Beach Fire Protection District dated June 13, 2016.

The actuarial assumptions and methods used to determine the stated costs are described in Appendix II of the Initial Valuation Report. In our opinion, they do produce results which, in the aggregate, are reasonable. Additional miscellaneous and technical assumptions as well as disclosures required by the actuarial standards of practice may be found in the LAGERS Compiled Annual Actuarial Valuation report as of February 28, 2015.

Mita Drazilov is a member of the American Academy of Actuaries and meets the Qualification Standards of the Academy of Actuaries to render the actuarial opinion herein.

Respectfully submitted,



Mita D. Drazilov, ASA, MAAA

Sunrise Beach Fire Protection District - General

Employer Contribution Rates (Contributory Plan - 5 Year FAS)
(4% member contributions are additional)

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	3.2%	\$802	\$ 1	4.7%	\$1,178	\$ -	3.9%	\$977	\$ 1
2017	25,941	3.2	830	1	4.7	1,219	-	3.9	1,012	1
2018	26,849	3.2	859	1	4.7	1,262	-	3.9	1,047	1
2019	27,789	3.2	889	1	4.7	1,306	-	3.9	1,084	1
2020	28,762	3.2	920	1	4.7	1,352	-	3.9	1,122	1
2021	29,769	3.2	953	1	4.7	1,399	-	3.9	1,161	1
2022	30,811	3.2	986	1	4.7	1,448	-	3.9	1,202	1
2023	31,889	3.2	1,020	1	4.7	1,499	-	3.9	1,244	1
2024	33,005	3.2	1,056	1	4.7	1,551	-	3.9	1,287	1
2025	34,160	3.2	1,093	1	4.7	1,606	-	3.9	1,332	1

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	5.2%	\$1,303	\$ -	6.2%	\$1,554	\$ -	6.5%	\$1,629	\$ -
2017	25,941	5.2	1,349	-	6.2	1,608	-	6.5	1,686	-
2018	26,849	5.2	1,396	-	6.2	1,665	-	6.5	1,745	-
2019	27,789	5.2	1,445	-	6.2	1,723	-	6.5	1,806	-
2020	28,762	5.2	1,496	-	6.2	1,783	-	6.5	1,870	-
2021	29,769	5.2	1,548	-	6.2	1,846	-	6.5	1,935	-
2022	30,811	5.2	1,602	-	6.2	1,910	-	6.5	2,003	-
2023	31,889	5.2	1,658	-	6.2	1,977	-	6.5	2,073	-
2024	33,005	5.2	1,716	-	6.2	2,046	-	6.5	2,145	-
2025	34,160	5.2	1,776	-	6.2	2,118	-	6.5	2,220	-

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	7.7%	\$1,930	\$ 4	7.9%	\$1,980	\$ 3	9.2%	\$2,306	\$ -
2017	25,941	7.7	1,997	4	7.9	2,049	3	9.2	2,387	-
2018	26,849	7.7	2,067	4	7.9	2,121	3	9.2	2,470	-
2019	27,789	7.7	2,140	4	7.9	2,195	3	9.2	2,557	-
2020	28,762	7.7	2,215	4	7.9	2,272	3	9.2	2,646	-
2021	29,769	7.7	2,292	4	7.9	2,352	3	9.2	2,739	-
2022	30,811	7.7	2,372	4	7.9	2,434	3	9.2	2,835	-
2023	31,889	7.7	2,455	4	7.9	2,519	3	9.2	2,934	-
2024	33,005	7.7	2,541	4	7.9	2,607	3	9.2	3,036	-
2025	34,160	7.7	2,630	4	7.9	2,699	3	9.2	3,143	-

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.50%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

Sunrise Beach Fire Protection District - General

Employer Contribution Rates (Contributory Plan - 3 Year FAS)
(4% member contributions are additional)

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	3.4%	\$852	\$ -	5.0%	\$1,253	\$ 2	4.2%	\$1,053	\$ -
2017	25,941	3.4	882	-	5.0	1,297	2	4.2	1,090	-
2018	26,849	3.4	913	-	5.0	1,342	2	4.2	1,128	-
2019	27,789	3.4	945	-	5.0	1,389	2	4.2	1,167	-
2020	28,762	3.4	978	-	5.0	1,438	2	4.2	1,208	-
2021	29,769	3.4	1,012	-	5.0	1,488	2	4.2	1,250	-
2022	30,811	3.4	1,048	-	5.0	1,541	2	4.2	1,294	-
2023	31,889	3.4	1,084	-	5.0	1,594	2	4.2	1,339	-
2024	33,005	3.4	1,122	-	5.0	1,650	2	4.2	1,386	-
2025	34,160	3.4	1,161	-	5.0	1,708	2	4.2	1,435	-

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	5.5%	\$1,379	\$ 3	6.5%	\$1,629	\$ -	6.9%	\$1,729	\$ -
2017	25,941	5.5	1,427	3	6.5	1,686	-	6.9	1,790	-
2018	26,849	5.5	1,477	3	6.5	1,745	-	6.9	1,853	-
2019	27,789	5.5	1,528	3	6.5	1,806	-	6.9	1,917	-
2020	28,762	5.5	1,582	3	6.5	1,870	-	6.9	1,985	-
2021	29,769	5.5	1,637	3	6.5	1,935	-	6.9	2,054	-
2022	30,811	5.5	1,695	3	6.5	2,003	-	6.9	2,126	-
2023	31,889	5.5	1,754	3	6.5	2,073	-	6.9	2,200	-
2024	33,005	5.5	1,815	3	6.5	2,145	-	6.9	2,277	-
2025	34,160	5.5	1,879	3	6.5	2,220	-	6.9	2,357	-

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	8.1%	\$2,030	\$ -	8.3%	\$2,080	\$ 5	9.7%	\$2,431	\$ -
2017	25,941	8.1	2,101	-	8.3	2,153	5	9.7	2,516	-
2018	26,849	8.1	2,175	-	8.3	2,228	5	9.7	2,604	-
2019	27,789	8.1	2,251	-	8.3	2,306	5	9.7	2,696	-
2020	28,762	8.1	2,330	-	8.3	2,387	5	9.7	2,790	-
2021	29,769	8.1	2,411	-	8.3	2,471	5	9.7	2,888	-
2022	30,811	8.1	2,496	-	8.3	2,557	5	9.7	2,989	-
2023	31,889	8.1	2,583	-	8.3	2,647	5	9.7	3,093	-
2024	33,005	8.1	2,673	-	8.3	2,739	5	9.7	3,201	-
2025	34,160	8.1	2,767	-	8.3	2,835	5	9.7	3,314	-

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.50%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

Sunrise Beach Fire Protection District - General

Employer Contribution Rates (Non-Contributory Plan - 5 Year FAS)

(0% member contributions are additional)

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	6.8%	\$1,704	\$ -	8.4%	\$2,105	\$ -	7.6%	\$1,905	\$ -
2017	25,941	6.8	1,764	-	8.4	2,179	-	7.6	1,972	-
2018	26,849	6.8	1,826	-	8.4	2,255	-	7.6	2,041	-
2019	27,789	6.8	1,890	-	8.4	2,334	-	7.6	2,112	-
2020	28,762	6.8	1,956	-	8.4	2,416	-	7.6	2,186	-
2021	29,769	6.8	2,024	-	8.4	2,501	-	7.6	2,262	-
2022	30,811	6.8	2,095	-	8.4	2,588	-	7.6	2,342	-
2023	31,889	6.8	2,168	-	8.4	2,679	-	7.6	2,424	-
2024	33,005	6.8	2,244	-	8.4	2,772	-	7.6	2,508	-
2025	34,160	6.8	2,323	-	8.4	2,869	-	7.6	2,596	-

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	8.9%	\$2,231	\$ -	9.9%	\$2,481	\$ 4	10.3%	\$2,582	\$ 1
2017	25,941	8.9	2,309	-	9.9	2,568	4	10.3	2,672	1
2018	26,849	8.9	2,390	-	9.9	2,658	4	10.3	2,765	1
2019	27,789	8.9	2,473	-	9.9	2,751	4	10.3	2,862	1
2020	28,762	8.9	2,560	-	9.9	2,847	4	10.3	2,962	1
2021	29,769	8.9	2,649	-	9.9	2,947	4	10.3	3,066	1
2022	30,811	8.9	2,742	-	9.9	3,050	4	10.3	3,174	1
2023	31,889	8.9	2,838	-	9.9	3,157	4	10.3	3,285	1
2024	33,005	8.9	2,937	-	9.9	3,267	4	10.3	3,400	1
2025	34,160	8.9	3,040	-	9.9	3,382	4	10.3	3,518	1

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	11.6%	\$2,907	\$ 5	11.7%	\$2,932	\$ -	13.1%	\$3,283	\$ -
2017	25,941	11.6	3,009	5	11.7	3,035	-	13.1	3,398	-
2018	26,849	11.6	3,114	5	11.7	3,141	-	13.1	3,517	-
2019	27,789	11.6	3,224	5	11.7	3,251	-	13.1	3,640	-
2020	28,762	11.6	3,336	5	11.7	3,365	-	13.1	3,768	-
2021	29,769	11.6	3,453	5	11.7	3,483	-	13.1	3,900	-
2022	30,811	11.6	3,574	5	11.7	3,605	-	13.1	4,036	-
2023	31,889	11.6	3,699	5	11.7	3,731	-	13.1	4,177	-
2024	33,005	11.6	3,829	5	11.7	3,862	-	13.1	4,324	-
2025	34,160	11.6	3,963	5	11.7	3,997	-	13.1	4,475	-

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.50%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

Sunrise Beach Fire Protection District - General

Employer Contribution Rates (Non-Contributory Plan - 3 Year FAS)

(0% member contributions are additional)

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	7.1%	\$1,780	\$ 4	8.7%	\$2,181	\$ 1	7.8%	\$1,955	\$ 8
2017	25,941	7.1	1,842	4	8.7	2,257	1	7.8	2,023	8
2018	26,849	7.1	1,906	4	8.7	2,336	1	7.8	2,094	8
2019	27,789	7.1	1,973	4	8.7	2,418	1	7.8	2,168	8
2020	28,762	7.1	2,042	4	8.7	2,502	1	7.8	2,243	8
2021	29,769	7.1	2,114	4	8.7	2,590	1	7.8	2,322	8
2022	30,811	7.1	2,188	4	8.7	2,681	1	7.8	2,403	8
2023	31,889	7.1	2,264	4	8.7	2,774	1	7.8	2,487	8
2024	33,005	7.1	2,343	4	8.7	2,871	1	7.8	2,574	8
2025	34,160	7.1	2,425	4	8.7	2,972	1	7.8	2,664	8

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	9.2%	\$2,306	\$ -	10.3%	\$2,582	\$ 6	10.6%	\$2,657	\$ 6
2017	25,941	9.2	2,387	-	10.3	2,672	6	10.6	2,750	6
2018	26,849	9.2	2,470	-	10.3	2,765	6	10.6	2,846	6
2019	27,789	9.2	2,557	-	10.3	2,862	6	10.6	2,946	6
2020	28,762	9.2	2,646	-	10.3	2,962	6	10.6	3,049	6
2021	29,769	9.2	2,739	-	10.3	3,066	6	10.6	3,156	6
2022	30,811	9.2	2,835	-	10.3	3,174	6	10.6	3,266	6
2023	31,889	9.2	2,934	-	10.3	3,285	6	10.6	3,380	6
2024	33,005	9.2	3,036	-	10.3	3,400	6	10.6	3,499	6
2025	34,160	9.2	3,143	-	10.3	3,518	6	10.6	3,621	6

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	12.0%	\$3,008	\$ -	12.2%	\$3,058	\$ -	13.6%	\$3,409	\$ -
2017	25,941	12.0	3,113	-	12.2	3,165	-	13.6	3,528	-
2018	26,849	12.0	3,222	-	12.2	3,276	-	13.6	3,651	-
2019	27,789	12.0	3,335	-	12.2	3,390	-	13.6	3,779	-
2020	28,762	12.0	3,451	-	12.2	3,509	-	13.6	3,912	-
2021	29,769	12.0	3,572	-	12.2	3,632	-	13.6	4,049	-
2022	30,811	12.0	3,697	-	12.2	3,759	-	13.6	4,190	-
2023	31,889	12.0	3,827	-	12.2	3,890	-	13.6	4,337	-
2024	33,005	12.0	3,961	-	12.2	4,027	-	13.6	4,489	-
2025	34,160	12.0	4,099	-	12.2	4,168	-	13.6	4,646	-

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.50%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

Sunrise Beach Fire Protection District - General

Employer Contribution Rates (Contributory Plan - 5 Year FAS)
(4% member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	3.6%	\$902	\$ 13	5.2%	\$1,303	\$ -	4.8%	\$1,203	\$ 4
2017	25,941	3.6	934	13	5.2	1,349	-	4.8	1,245	4
2018	26,849	3.6	967	13	5.2	1,396	-	4.8	1,289	4
2019	27,789	3.6	1,000	13	5.2	1,445	-	4.8	1,334	4
2020	28,762	3.6	1,035	13	5.2	1,496	-	4.8	1,381	4
2021	29,769	3.6	1,072	13	5.2	1,548	-	4.8	1,429	4
2022	30,811	3.6	1,109	13	5.2	1,602	-	4.8	1,479	4
2023	31,889	3.6	1,148	13	5.2	1,658	-	4.8	1,531	4
2024	33,005	3.6	1,188	13	5.2	1,716	-	4.8	1,584	4
2025	34,160	3.6	1,230	13	5.2	1,776	-	4.8	1,640	4

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	6.0%	\$1,504	\$ -	6.8%	\$1,704	\$ -	7.3%	\$1,830	\$ 7
2017	25,941	6.0	1,556	-	6.8	1,764	-	7.3	1,894	7
2018	26,849	6.0	1,611	-	6.8	1,826	-	7.3	1,960	7
2019	27,789	6.0	1,667	-	6.8	1,890	-	7.3	2,029	7
2020	28,762	6.0	1,726	-	6.8	1,956	-	7.3	2,100	7
2021	29,769	6.0	1,786	-	6.8	2,024	-	7.3	2,173	7
2022	30,811	6.0	1,849	-	6.8	2,095	-	7.3	2,249	7
2023	31,889	6.0	1,913	-	6.8	2,168	-	7.3	2,328	7
2024	33,005	6.0	1,980	-	6.8	2,244	-	7.3	2,409	7
2025	34,160	6.0	2,050	-	6.8	2,323	-	7.3	2,494	7

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	8.4%	\$2,105	\$ 2	8.7%	\$2,181	\$ 7	10.0%	\$2,506	\$ -
2017	25,941	8.4	2,179	2	8.7	2,257	7	10.0	2,594	-
2018	26,849	8.4	2,255	2	8.7	2,336	7	10.0	2,685	-
2019	27,789	8.4	2,334	2	8.7	2,418	7	10.0	2,779	-
2020	28,762	8.4	2,416	2	8.7	2,502	7	10.0	2,876	-
2021	29,769	8.4	2,501	2	8.7	2,590	7	10.0	2,977	-
2022	30,811	8.4	2,588	2	8.7	2,681	7	10.0	3,081	-
2023	31,889	8.4	2,679	2	8.7	2,774	7	10.0	3,189	-
2024	33,005	8.4	2,772	2	8.7	2,871	7	10.0	3,301	-
2025	34,160	8.4	2,869	2	8.7	2,972	7	10.0	3,416	-

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.50%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

Sunrise Beach Fire Protection District - General

Employer Contribution Rates (Contributory Plan - 3 Year FAS)
(4% member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	3.8%	\$952	\$ -	5.5%	\$1,379	\$ -	5.0%	\$1,253	\$ 1
2017	25,941	3.8	986	-	5.5	1,427	-	5.0	1,297	1
2018	26,849	3.8	1,020	-	5.5	1,477	-	5.0	1,342	1
2019	27,789	3.8	1,056	-	5.5	1,528	-	5.0	1,389	1
2020	28,762	3.8	1,093	-	5.5	1,582	-	5.0	1,438	1
2021	29,769	3.8	1,131	-	5.5	1,637	-	5.0	1,488	1
2022	30,811	3.8	1,171	-	5.5	1,695	-	5.0	1,541	1
2023	31,889	3.8	1,212	-	5.5	1,754	-	5.0	1,594	1
2024	33,005	3.8	1,254	-	5.5	1,815	-	5.0	1,650	1
2025	34,160	3.8	1,298	-	5.5	1,879	-	5.0	1,708	1

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	6.4%	\$1,604	\$ -	7.1%	\$1,780	\$ 9	7.7%	\$1,930	\$ 9
2017	25,941	6.4	1,660	-	7.1	1,842	9	7.7	1,997	9
2018	26,849	6.4	1,718	-	7.1	1,906	9	7.7	2,067	9
2019	27,789	6.4	1,778	-	7.1	1,973	9	7.7	2,140	9
2020	28,762	6.4	1,841	-	7.1	2,042	9	7.7	2,215	9
2021	29,769	6.4	1,905	-	7.1	2,114	9	7.7	2,292	9
2022	30,811	6.4	1,972	-	7.1	2,188	9	7.7	2,372	9
2023	31,889	6.4	2,041	-	7.1	2,264	9	7.7	2,455	9
2024	33,005	6.4	2,112	-	7.1	2,343	9	7.7	2,541	9
2025	34,160	6.4	2,186	-	7.1	2,425	9	7.7	2,630	9

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	8.9%	\$2,231	\$ -	9.2%	\$2,306	\$ -	10.5%	\$2,632	\$ -
2017	25,941	8.9	2,309	-	9.2	2,387	-	10.5	2,724	-
2018	26,849	8.9	2,390	-	9.2	2,470	-	10.5	2,819	-
2019	27,789	8.9	2,473	-	9.2	2,557	-	10.5	2,918	-
2020	28,762	8.9	2,560	-	9.2	2,646	-	10.5	3,020	-
2021	29,769	8.9	2,649	-	9.2	2,739	-	10.5	3,126	-
2022	30,811	8.9	2,742	-	9.2	2,835	-	10.5	3,235	-
2023	31,889	8.9	2,838	-	9.2	2,934	-	10.5	3,348	-
2024	33,005	8.9	2,937	-	9.2	3,036	-	10.5	3,466	-
2025	34,160	8.9	3,040	-	9.2	3,143	-	10.5	3,587	-

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.50%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

Sunrise Beach Fire Protection District - General

Employer Contribution Rates (Non-Contributory Plan - 5 Year FAS)

(0% member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	7.2%	\$1,805	\$ 3	8.9%	\$2,231	\$ -	8.4%	\$2,105	\$ -
2017	25,941	7.2	1,868	3	8.9	2,309	-	8.4	2,179	-
2018	26,849	7.2	1,933	3	8.9	2,390	-	8.4	2,255	-
2019	27,789	7.2	2,001	3	8.9	2,473	-	8.4	2,334	-
2020	28,762	7.2	2,071	3	8.9	2,560	-	8.4	2,416	-
2021	29,769	7.2	2,143	3	8.9	2,649	-	8.4	2,501	-
2022	30,811	7.2	2,218	3	8.9	2,742	-	8.4	2,588	-
2023	31,889	7.2	2,296	3	8.9	2,838	-	8.4	2,679	-
2024	33,005	7.2	2,376	3	8.9	2,937	-	8.4	2,772	-
2025	34,160	7.2	2,460	3	8.9	3,040	-	8.4	2,869	-

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	9.7%	\$2,431	\$ -	10.5%	\$2,632	\$ 2	11.1%	\$2,782	\$ 6
2017	25,941	9.7	2,516	-	10.5	2,724	2	11.1	2,879	6
2018	26,849	9.7	2,604	-	10.5	2,819	2	11.1	2,980	6
2019	27,789	9.7	2,696	-	10.5	2,918	2	11.1	3,085	6
2020	28,762	9.7	2,790	-	10.5	3,020	2	11.1	3,193	6
2021	29,769	9.7	2,888	-	10.5	3,126	2	11.1	3,304	6
2022	30,811	9.7	2,989	-	10.5	3,235	2	11.1	3,420	6
2023	31,889	9.7	3,093	-	10.5	3,348	2	11.1	3,540	6
2024	33,005	9.7	3,201	-	10.5	3,466	2	11.1	3,664	6
2025	34,160	9.7	3,314	-	10.5	3,587	2	11.1	3,792	6

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	12.2%	\$3,058	\$ -	12.5%	\$3,133	\$ -	13.9%	\$3,484	\$ -
2017	25,941	12.2	3,165	-	12.5	3,243	-	13.9	3,606	-
2018	26,849	12.2	3,276	-	12.5	3,356	-	13.9	3,732	-
2019	27,789	12.2	3,390	-	12.5	3,474	-	13.9	3,863	-
2020	28,762	12.2	3,509	-	12.5	3,595	-	13.9	3,998	-
2021	29,769	12.2	3,632	-	12.5	3,721	-	13.9	4,138	-
2022	30,811	12.2	3,759	-	12.5	3,851	-	13.9	4,283	-
2023	31,889	12.2	3,890	-	12.5	3,986	-	13.9	4,433	-
2024	33,005	12.2	4,027	-	12.5	4,126	-	13.9	4,588	-
2025	34,160	12.2	4,168	-	12.5	4,270	-	13.9	4,748	-

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.50%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

Sunrise Beach Fire Protection District - General

Employer Contribution Rates (Non-Contributory Plan - 3 Year FAS)

(0% member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	7.5%	\$1,880	\$ -	9.2%	\$2,306	\$ -	8.7%	\$2,181	\$ -
2017	25,941	7.5	1,946	-	9.2	2,387	-	8.7	2,257	-
2018	26,849	7.5	2,014	-	9.2	2,470	-	8.7	2,336	-
2019	27,789	7.5	2,084	-	9.2	2,557	-	8.7	2,418	-
2020	28,762	7.5	2,157	-	9.2	2,646	-	8.7	2,502	-
2021	29,769	7.5	2,233	-	9.2	2,739	-	8.7	2,590	-
2022	30,811	7.5	2,311	-	9.2	2,835	-	8.7	2,681	-
2023	31,889	7.5	2,392	-	9.2	2,934	-	8.7	2,774	-
2024	33,005	7.5	2,475	-	9.2	3,036	-	8.7	2,871	-
2025	34,160	7.5	2,562	-	9.2	3,143	-	8.7	2,972	-

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	10.1%	\$2,531	\$ -	10.9%	\$2,732	\$ 5	11.5%	\$2,882	\$ 1
2017	25,941	10.1	2,620	-	10.9	2,828	5	11.5	2,983	1
2018	26,849	10.1	2,712	-	10.9	2,927	5	11.5	3,088	1
2019	27,789	10.1	2,807	-	10.9	3,029	5	11.5	3,196	1
2020	28,762	10.1	2,905	-	10.9	3,135	5	11.5	3,308	1
2021	29,769	10.1	3,007	-	10.9	3,245	5	11.5	3,423	1
2022	30,811	10.1	3,112	-	10.9	3,358	5	11.5	3,543	1
2023	31,889	10.1	3,221	-	10.9	3,476	5	11.5	3,667	1
2024	33,005	10.1	3,334	-	10.9	3,598	5	11.5	3,796	1
2025	34,160	10.1	3,450	-	10.9	3,723	5	11.5	3,928	1

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 25,064	12.7%	\$3,183	\$ -	13.0%	\$3,258	\$ -	14.4%	\$3,609	\$ 2
2017	25,941	12.7	3,295	-	13.0	3,372	-	14.4	3,736	2
2018	26,849	12.7	3,410	-	13.0	3,490	-	14.4	3,866	2
2019	27,789	12.7	3,529	-	13.0	3,613	-	14.4	4,002	2
2020	28,762	12.7	3,653	-	13.0	3,739	-	14.4	4,142	2
2021	29,769	12.7	3,781	-	13.0	3,870	-	14.4	4,287	2
2022	30,811	12.7	3,913	-	13.0	4,005	-	14.4	4,437	2
2023	31,889	12.7	4,050	-	13.0	4,146	-	14.4	4,592	2
2024	33,005	12.7	4,192	-	13.0	4,291	-	14.4	4,753	2
2025	34,160	12.7	4,338	-	13.0	4,441	-	14.4	4,919	2

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.50%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

Sunrise Beach Fire Protection District - Fire

Employer Contribution Rates (Contributory Plan - 5 Year FAS)

(4% member contributions are additional)

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2016	\$ 776,583	6.3%	\$48,925	\$ 290,431	8.6%	\$66,786	\$ 367,139	9.1%	\$70,669	\$ 376,858
2017	803,764	6.3	50,637	294,890	8.6	69,124	372,776	9.1	73,143	382,644
2018	831,896	6.3	52,409	299,092	8.6	71,543	378,087	9.1	75,703	388,096
2019	861,012	6.3	54,244	302,997	8.6	74,047	383,023	9.1	78,352	393,163
2020	891,147	6.3	56,142	306,563	8.6	76,639	387,531	9.1	81,094	397,790
2021	922,337	6.3	58,107	309,743	8.6	79,321	391,551	9.1	83,933	401,917
2022	954,619	6.3	60,141	312,487	8.6	82,097	395,020	9.1	86,870	405,478
2023	988,031	6.3	62,246	314,740	8.6	84,971	397,868	9.1	89,911	408,402
2024	1,022,612	6.3	64,425	316,443	8.6	87,945	400,020	9.1	93,058	410,611
2025	1,058,403	6.3	66,679	317,530	8.6	91,023	401,394	9.1	96,315	412,021

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2016	\$ 776,583	10.8%	\$83,871	\$ 431,939	11.0%	\$85,424	\$ 443,510	12.4%	\$96,296	\$ 486,728
2017	803,764	10.8	86,807	438,571	11.0	88,414	450,320	12.4	99,667	494,201
2018	831,896	10.8	89,845	444,820	11.0	91,509	456,736	12.4	103,155	501,242
2019	861,012	10.8	92,989	450,628	11.0	94,711	462,699	12.4	106,765	507,786
2020	891,147	10.8	96,244	455,931	11.0	98,026	468,144	12.4	110,502	513,762
2021	922,337	10.8	99,612	460,661	11.0	101,457	473,001	12.4	114,370	519,092
2022	954,619	10.8	103,099	464,742	11.0	105,008	477,192	12.4	118,373	523,691
2023	988,031	10.8	106,707	468,093	11.0	108,683	480,633	12.4	122,516	527,467
2024	1,022,612	10.8	110,442	470,625	11.0	112,487	483,233	12.4	126,804	530,320
2025	1,058,403	10.8	114,308	472,242	11.0	116,424	484,893	12.4	131,242	532,142

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability	Estimated Employer Contribution		Unfunded Actuarial Accrued Liability
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2016	\$ 776,583	13.4%	\$104,062	\$ 519,531	14.2%	\$110,275	\$ 541,127	15.9%	\$123,477	\$ 595,549
2017	803,764	13.4	107,704	527,508	14.2	114,134	549,435	15.9	127,798	604,693
2018	831,896	13.4	111,474	535,024	14.2	118,129	557,263	15.9	132,271	613,309
2019	861,012	13.4	115,376	542,009	14.2	122,264	564,539	15.9	136,901	621,316
2020	891,147	13.4	119,414	548,388	14.2	126,543	571,183	15.9	141,692	628,628
2021	922,337	13.4	123,593	554,077	14.2	130,972	577,109	15.9	146,652	635,149
2022	954,619	13.4	127,919	558,986	14.2	135,556	582,222	15.9	151,784	640,776
2023	988,031	13.4	132,396	563,017	14.2	140,300	586,420	15.9	157,097	645,397
2024	1,022,612	13.4	137,030	566,063	14.2	145,211	589,592	15.9	162,595	648,888
2025	1,058,403	13.4	141,826	568,007	14.2	150,293	591,617	15.9	168,286	651,117

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.50%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

Sunrise Beach Fire Protection District - Fire

Employer Contribution Rates (Contributory Plan - 3 Year FAS)
(4% member contributions are additional)

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	6.7%	\$52,031	\$ 302,089	9.1%	\$70,669	\$ 381,424	9.5%	\$73,775	\$ 391,782
2017	803,764	6.7	53,852	306,727	9.1	73,143	387,280	9.5	76,358	397,797
2018	831,896	6.7	55,737	311,097	9.1	75,703	392,798	9.5	79,030	403,465
2019	861,012	6.7	57,688	315,159	9.1	78,352	397,926	9.5	81,796	408,733
2020	891,147	6.7	59,707	318,868	9.1	81,094	402,609	9.5	84,659	413,543
2021	922,337	6.7	61,797	322,176	9.1	83,933	406,786	9.5	87,622	417,833
2022	954,619	6.7	63,959	325,030	9.1	86,870	410,390	9.5	90,689	421,535
2023	988,031	6.7	66,198	327,374	9.1	89,911	413,349	9.5	93,863	424,575
2024	1,022,612	6.7	68,515	329,145	9.1	93,058	415,585	9.5	97,148	426,872
2025	1,058,403	6.7	70,913	330,276	9.1	96,315	417,013	9.5	100,548	428,338

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	11.3%	\$87,754	\$ 448,730	11.5%	\$89,307	\$ 460,645	13.0%	\$100,956	\$ 505,522
2017	803,764	11.3	90,825	455,620	11.5	92,433	467,718	13.0	104,489	513,284
2018	831,896	11.3	94,004	462,112	11.5	95,668	474,382	13.0	108,146	520,597
2019	861,012	11.3	97,294	468,145	11.5	99,016	480,576	13.0	111,932	527,394
2020	891,147	11.3	100,700	473,654	11.5	102,482	486,232	13.0	115,849	533,601
2021	922,337	11.3	104,224	478,568	11.5	106,069	491,276	13.0	119,904	539,137
2022	954,619	11.3	107,872	482,808	11.5	109,781	495,629	13.0	124,100	543,914
2023	988,031	11.3	111,648	486,290	11.5	113,624	499,203	13.0	128,444	547,836
2024	1,022,612	11.3	115,555	488,921	11.5	117,600	501,904	13.0	132,940	550,800
2025	1,058,403	11.3	119,600	490,600	11.5	121,716	503,628	13.0	137,592	552,692

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	14.1%	\$109,498	\$ 539,511	14.8%	\$114,934	\$ 561,939	16.5%	\$128,136	\$ 618,299
2017	803,764	14.1	113,331	547,795	14.8	118,957	570,567	16.5	132,621	627,792
2018	831,896	14.1	117,297	555,600	14.8	123,121	578,696	16.5	137,263	636,737
2019	861,012	14.1	121,403	562,854	14.8	127,430	586,252	16.5	142,067	645,050
2020	891,147	14.1	125,652	569,478	14.8	131,890	593,151	16.5	147,039	652,641
2021	922,337	14.1	130,050	575,386	14.8	136,506	599,304	16.5	152,186	659,412
2022	954,619	14.1	134,601	580,484	14.8	141,284	604,614	16.5	157,512	665,254
2023	988,031	14.1	139,312	584,670	14.8	146,229	608,974	16.5	163,025	670,051
2024	1,022,612	14.1	144,188	587,833	14.8	151,347	612,268	16.5	168,731	673,676
2025	1,058,403	14.1	149,235	589,852	14.8	156,644	614,371	16.5	174,636	675,990

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.50%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

Sunrise Beach Fire Protection District - Fire

Employer Contribution Rates (Non-Contributory Plan - 5 Year FAS)
(0% member contributions are additional)

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	10.2%	\$79,211	\$ 306,969	12.5%	\$97,073	\$ 383,753	13.0%	\$100,956	\$ 392,912
2017	803,764	10.2	81,984	311,682	12.5	100,471	389,645	13.0	104,489	398,945
2018	831,896	10.2	84,853	316,123	12.5	103,987	395,197	13.0	108,146	404,629
2019	861,012	10.2	87,823	320,250	12.5	107,627	400,357	13.0	111,932	409,912
2020	891,147	10.2	90,897	324,019	12.5	111,393	405,069	13.0	115,849	414,736
2021	922,337	10.2	94,078	327,380	12.5	115,292	409,271	13.0	119,904	419,039
2022	954,619	10.2	97,371	330,281	12.5	119,327	412,897	13.0	124,100	422,752
2023	988,031	10.2	100,779	332,663	12.5	123,504	415,874	13.0	128,444	425,800
2024	1,022,612	10.2	104,306	334,463	12.5	127,827	418,124	13.0	132,940	428,103
2025	1,058,403	10.2	107,957	335,612	12.5	132,300	419,560	13.0	137,592	429,574

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	14.7%	\$114,158	\$ 448,250	14.9%	\$115,711	\$ 460,596	16.3%	\$126,583	\$ 503,565
2017	803,764	14.7	118,153	455,132	14.9	119,761	467,668	16.3	131,014	511,297
2018	831,896	14.7	122,289	461,617	14.9	123,953	474,331	16.3	135,599	518,582
2019	861,012	14.7	126,569	467,644	14.9	128,291	480,524	16.3	140,345	525,353
2020	891,147	14.7	130,999	473,148	14.9	132,781	486,179	16.3	145,257	531,536
2021	922,337	14.7	135,584	478,057	14.9	137,428	491,223	16.3	150,341	537,050
2022	954,619	14.7	140,329	482,293	14.9	142,238	495,575	16.3	155,603	541,808
2023	988,031	14.7	145,241	485,771	14.9	147,217	499,149	16.3	161,049	545,715
2024	1,022,612	14.7	150,324	488,399	14.9	152,369	501,849	16.3	166,686	548,667
2025	1,058,403	14.7	155,585	490,077	14.9	157,702	503,573	16.3	172,520	550,552

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	17.3%	\$134,349	\$ 537,340	18.1%	\$140,562	\$ 558,845	19.8%	\$153,763	\$ 614,094
2017	803,764	17.3	139,051	545,590	18.1	145,481	567,425	19.8	159,145	623,523
2018	831,896	17.3	143,918	553,364	18.1	150,573	575,510	19.8	164,715	632,407
2019	861,012	17.3	148,955	560,589	18.1	155,843	583,024	19.8	170,480	640,664
2020	891,147	17.3	154,168	567,186	18.1	161,298	589,885	19.8	176,447	648,204
2021	922,337	17.3	159,564	573,070	18.1	166,943	596,005	19.8	182,623	654,929
2022	954,619	17.3	165,149	578,147	18.1	172,786	601,286	19.8	189,015	660,732
2023	988,031	17.3	170,929	582,316	18.1	178,834	605,622	19.8	195,630	665,497
2024	1,022,612	17.3	176,912	585,466	18.1	185,093	608,898	19.8	202,477	669,097
2025	1,058,403	17.3	183,104	587,477	18.1	191,571	610,990	19.8	209,564	671,395

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.50%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

Sunrise Beach Fire Protection District - Fire

Employer Contribution Rates (Non-Contributory Plan - 3 Year FAS)
(0% member contributions are additional)

Regular Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	10.6%	\$82,318	\$ 318,581	13.0%	\$100,956	\$ 398,280	13.4%	\$104,062	\$ 407,807
2017	803,764	10.6	85,199	323,472	13.0	104,489	404,395	13.4	107,704	414,068
2018	831,896	10.6	88,181	328,081	13.0	108,146	410,157	13.4	111,474	419,968
2019	861,012	10.6	91,267	332,364	13.0	111,932	415,512	13.4	115,376	425,451
2020	891,147	10.6	94,462	336,275	13.0	115,849	420,402	13.4	119,414	430,458
2021	922,337	10.6	97,768	339,764	13.0	119,904	424,763	13.4	123,593	434,924
2022	954,619	10.6	101,190	342,774	13.0	124,100	428,526	13.4	127,919	438,777
2023	988,031	10.6	104,731	345,246	13.0	128,444	431,616	13.4	132,396	441,941
2024	1,022,612	10.6	108,397	347,114	13.0	132,940	433,951	13.4	137,030	444,332
2025	1,058,403	10.6	112,191	348,306	13.0	137,592	435,442	13.4	141,826	445,858

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	15.2%	\$118,041	\$ 465,161	15.4%	\$119,594	\$ 477,866	16.9%	\$131,243	\$ 522,476
2017	803,764	15.2	122,172	472,303	15.4	123,780	485,203	16.9	135,836	530,498
2018	831,896	15.2	126,448	479,032	15.4	128,112	492,116	16.9	140,590	538,057
2019	861,012	15.2	130,874	485,286	15.4	132,596	498,541	16.9	145,511	545,082
2020	891,147	15.2	135,454	490,997	15.4	137,237	504,408	16.9	150,604	551,497
2021	922,337	15.2	140,195	496,091	15.4	142,040	509,641	16.9	155,875	557,218
2022	954,619	15.2	145,102	500,486	15.4	147,011	514,156	16.9	161,331	562,155
2023	988,031	15.2	150,181	504,095	15.4	152,157	517,864	16.9	166,977	566,209
2024	1,022,612	15.2	155,437	506,822	15.4	157,482	520,665	16.9	172,821	569,272
2025	1,058,403	15.2	160,877	508,563	15.4	162,994	522,454	16.9	178,870	571,227

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	18.0%	\$139,785	\$ 557,549	18.7%	\$145,221	\$ 579,842	20.4%	\$158,423	\$ 637,196
2017	803,764	18.0	144,678	566,109	18.7	150,304	588,745	20.4	163,968	646,979
2018	831,896	18.0	149,741	574,175	18.7	155,565	597,133	20.4	169,707	656,197
2019	861,012	18.0	154,982	581,672	18.7	161,009	604,929	20.4	175,646	664,764
2020	891,147	18.0	160,406	588,517	18.7	166,644	612,048	20.4	181,794	672,587
2021	922,337	18.0	166,021	594,622	18.7	172,477	618,397	20.4	188,157	679,565
2022	954,619	18.0	171,831	599,890	18.7	178,514	623,876	20.4	194,742	685,586
2023	988,031	18.0	177,846	604,216	18.7	184,762	628,375	20.4	201,558	690,530
2024	1,022,612	18.0	184,070	607,485	18.7	191,228	631,774	20.4	208,613	694,266
2025	1,058,403	18.0	190,513	609,572	18.7	197,921	633,944	20.4	215,914	696,651

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.50%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

Sunrise Beach Fire Protection District - Fire

Employer Contribution Rates (Contributory Plan - 5 Year FAS)
(4% member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	6.7%	\$52,031	\$ 301,818	9.0%	\$69,892	\$ 381,297	9.9%	\$76,882	\$ 403,708
2017	803,764	6.7	53,852	306,452	9.0	72,339	387,151	9.9	79,573	409,906
2018	831,896	6.7	55,737	310,818	9.0	74,871	392,667	9.9	82,358	415,746
2019	861,012	6.7	57,688	314,876	9.0	77,491	397,794	9.9	85,240	421,174
2020	891,147	6.7	59,707	318,582	9.0	80,203	402,475	9.9	88,224	426,131
2021	922,337	6.7	61,797	321,887	9.0	83,010	406,650	9.9	91,311	430,552
2022	954,619	6.7	63,959	324,739	9.0	85,916	410,253	9.9	94,507	434,367
2023	988,031	6.7	66,198	327,081	9.0	88,923	413,211	9.9	97,815	437,499
2024	1,022,612	6.7	68,515	328,850	9.0	92,035	415,446	9.9	101,239	439,866
2025	1,058,403	6.7	70,913	329,980	9.0	95,256	416,873	9.9	104,782	441,377

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	11.6%	\$90,084	\$ 457,646	11.5%	\$89,307	\$ 460,411	13.2%	\$102,509	\$ 511,357
2017	803,764	11.6	93,237	464,673	11.5	92,433	467,480	13.2	106,097	519,208
2018	831,896	11.6	96,500	471,294	11.5	95,668	474,141	13.2	109,810	526,606
2019	861,012	11.6	99,877	477,447	11.5	99,016	480,331	13.2	113,654	533,481
2020	891,147	11.6	103,373	483,066	11.5	102,482	485,984	13.2	117,631	539,759
2021	922,337	11.6	106,991	488,077	11.5	106,069	491,026	13.2	121,748	545,359
2022	954,619	11.6	110,736	492,401	11.5	109,781	495,376	13.2	126,010	550,191
2023	988,031	11.6	114,612	495,952	11.5	113,624	498,948	13.2	130,420	554,158
2024	1,022,612	11.6	118,623	498,635	11.5	117,600	501,647	13.2	134,985	557,156
2025	1,058,403	11.6	122,775	500,348	11.5	121,716	503,370	13.2	139,709	559,070

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	14.1%	\$109,498	\$ 539,310	14.9%	\$115,711	\$ 564,807	16.5%	\$128,136	\$ 618,190
2017	803,764	14.1	113,331	547,590	14.9	119,761	573,479	16.5	132,621	627,682
2018	831,896	14.1	117,297	555,392	14.9	123,953	581,650	16.5	137,263	636,625
2019	861,012	14.1	121,403	562,643	14.9	128,291	589,244	16.5	142,067	644,937
2020	891,147	14.1	125,652	569,265	14.9	132,781	596,179	16.5	147,039	652,527
2021	922,337	14.1	130,050	575,171	14.9	137,428	602,364	16.5	152,186	659,296
2022	954,619	14.1	134,601	580,267	14.9	142,238	607,701	16.5	157,512	665,137
2023	988,031	14.1	139,312	584,451	14.9	147,217	612,083	16.5	163,025	669,933
2024	1,022,612	14.1	144,188	587,613	14.9	152,369	615,394	16.5	168,731	673,557
2025	1,058,403	14.1	149,235	589,631	14.9	157,702	617,508	16.5	174,636	675,871

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.50%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

Sunrise Beach Fire Protection District - Fire

Employer Contribution Rates (Contributory Plan - 3 Year FAS)
(4% member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	6.9%	\$53,584	\$ 313,955	9.5%	\$73,775	\$ 396,265	10.4%	\$80,765	\$ 419,694
2017	803,764	6.9	55,460	318,775	9.5	76,358	402,349	10.4	83,591	426,138
2018	831,896	6.9	57,401	323,317	9.5	79,030	408,082	10.4	86,517	432,210
2019	861,012	6.9	59,410	327,538	9.5	81,796	413,410	10.4	89,545	437,853
2020	891,147	6.9	61,489	331,393	9.5	84,659	418,275	10.4	92,679	443,006
2021	922,337	6.9	63,641	334,831	9.5	87,622	422,614	10.4	95,923	447,602
2022	954,619	6.9	65,869	337,798	9.5	90,689	426,358	10.4	99,280	451,568
2023	988,031	6.9	68,174	340,234	9.5	93,863	429,432	10.4	102,755	454,824
2024	1,022,612	6.9	70,560	342,075	9.5	97,148	431,755	10.4	106,352	457,284
2025	1,058,403	6.9	73,030	343,250	9.5	100,548	433,238	10.4	110,074	458,855

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	12.1%	\$93,967	\$ 475,615	12.1%	\$93,967	\$ 478,388	13.8%	\$107,168	\$ 531,243
2017	803,764	12.1	97,255	482,917	12.1	97,255	485,733	13.8	110,919	539,400
2018	831,896	12.1	100,659	489,798	12.1	100,659	492,654	13.8	114,802	547,085
2019	861,012	12.1	104,182	496,193	12.1	104,182	499,086	13.8	118,820	554,228
2020	891,147	12.1	107,829	502,032	12.1	107,829	504,960	13.8	122,978	560,750
2021	922,337	12.1	111,603	507,240	12.1	111,603	510,199	13.8	127,283	566,567
2022	954,619	12.1	115,509	511,734	12.1	115,509	514,719	13.8	131,737	571,587
2023	988,031	12.1	119,552	515,424	12.1	119,552	518,431	13.8	136,348	575,709
2024	1,022,612	12.1	123,736	518,212	12.1	123,736	521,236	13.8	141,120	578,823
2025	1,058,403	12.1	128,067	519,992	12.1	128,067	523,026	13.8	146,060	580,811

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	14.7%	\$114,158	\$ 560,186	15.6%	\$121,147	\$ 586,626	17.3%	\$134,349	\$ 641,880
2017	803,764	14.7	118,153	568,787	15.6	125,387	595,633	17.3	139,051	651,735
2018	831,896	14.7	122,289	576,891	15.6	129,776	604,120	17.3	143,918	661,021
2019	861,012	14.7	126,569	584,423	15.6	134,318	612,008	17.3	148,955	669,651
2020	891,147	14.7	130,999	591,301	15.6	139,019	619,210	17.3	154,168	677,532
2021	922,337	14.7	135,584	597,435	15.6	143,885	625,634	17.3	159,564	684,561
2022	954,619	14.7	140,329	602,728	15.6	148,921	631,177	17.3	165,149	690,626
2023	988,031	14.7	145,241	607,074	15.6	154,133	635,728	17.3	170,929	695,606
2024	1,022,612	14.7	150,324	610,358	15.6	159,527	639,167	17.3	176,912	699,369
2025	1,058,403	14.7	155,585	612,455	15.6	165,111	641,363	17.3	183,104	701,771

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.50%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

Sunrise Beach Fire Protection District - Fire

Employer Contribution Rates (Non-Contributory Plan - 5 Year FAS)

(0% member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	10.6%	\$82,318	\$ 318,425	12.9%	\$100,179	\$ 397,998	13.8%	\$107,168	\$ 419,745
2017	803,764	10.6	85,199	323,314	12.9	103,686	404,109	13.8	110,919	426,190
2018	831,896	10.6	88,181	327,921	12.9	107,315	409,867	13.8	114,802	432,262
2019	861,012	10.6	91,267	332,202	12.9	111,071	415,218	13.8	118,820	437,906
2020	891,147	10.6	94,462	336,112	12.9	114,958	420,105	13.8	122,978	443,060
2021	922,337	10.6	97,768	339,599	12.9	118,981	424,463	13.8	127,283	447,656
2022	954,619	10.6	101,190	342,608	12.9	123,146	428,224	13.8	131,737	451,622
2023	988,031	10.6	104,731	345,079	12.9	127,456	431,312	13.8	136,348	454,879
2024	1,022,612	10.6	108,397	346,946	12.9	131,917	433,645	13.8	141,120	457,340
2025	1,058,403	10.6	112,191	348,138	12.9	136,534	435,135	13.8	146,060	458,911

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	15.5%	\$120,370	\$ 474,049	15.4%	\$119,594	\$ 477,676	17.1%	\$132,796	\$ 528,373
2017	803,764	15.5	124,583	481,327	15.4	123,780	485,010	17.1	137,444	536,486
2018	831,896	15.5	128,944	488,185	15.4	128,112	491,920	17.1	142,254	544,130
2019	861,012	15.5	133,457	494,559	15.4	132,596	498,343	17.1	147,233	551,234
2020	891,147	15.5	138,128	500,379	15.4	137,237	504,208	17.1	152,386	557,721
2021	922,337	15.5	142,962	505,570	15.4	142,040	509,439	17.1	157,720	563,507
2022	954,619	15.5	147,966	510,049	15.4	147,011	513,953	17.1	163,240	568,500
2023	988,031	15.5	153,145	513,727	15.4	152,157	517,659	17.1	168,953	572,599
2024	1,022,612	15.5	158,505	516,506	15.4	157,482	520,459	17.1	174,867	575,697
2025	1,058,403	15.5	164,052	518,280	15.4	162,994	522,247	17.1	180,987	577,675

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	18.0%	\$139,785	\$ 557,280	18.8%	\$145,998	\$ 582,638	20.4%	\$158,423	\$ 636,899
2017	803,764	18.0	144,678	565,836	18.8	151,108	591,584	20.4	163,968	646,678
2018	831,896	18.0	149,741	573,898	18.8	156,396	600,013	20.4	169,707	655,892
2019	861,012	18.0	154,982	581,391	18.8	161,870	607,847	20.4	175,646	664,455
2020	891,147	18.0	160,406	588,233	18.8	167,536	615,000	20.4	181,794	672,275
2021	922,337	18.0	166,021	594,335	18.8	173,399	621,380	20.4	188,157	679,249
2022	954,619	18.0	171,831	599,601	18.8	179,468	626,885	20.4	194,742	685,267
2023	988,031	18.0	177,846	603,925	18.8	185,750	631,405	20.4	201,558	690,208
2024	1,022,612	18.0	184,070	607,192	18.8	192,251	634,821	20.4	208,613	693,942
2025	1,058,403	18.0	190,513	609,278	18.8	198,980	637,002	20.4	215,914	696,326

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.660 of the Revised Statutes of Missouri (RSMo). The projection results may not be applicable for other purposes.
- 2) Estimated projected payroll is based upon the valuation payroll, increased each future year by 3.50%.
- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
- 4) Differences between the date of the initial valuation and the actuarial valuation date of February 28th have not been incorporated in the above results.
- 5) The actual employer contribution rates for future valuation dates will be based upon actual data as of the future valuation date.

Sunrise Beach Fire Protection District - Fire

Employer Contribution Rates (Non-Contributory Plan - 3 Year FAS)

(0% member contributions are additional)

Rule of 80 Retirement Eligibility

Valuation Year	Estimated Projected Payroll	L-1 Benefit Program			L-3 Benefit Program			LT-4(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	10.8%	\$83,871	\$ 330,585	13.4%	\$104,062	\$ 413,174	14.3%	\$111,051	\$ 435,763
2017	803,764	10.8	86,807	335,661	13.4	107,704	419,518	14.3	114,938	442,454
2018	831,896	10.8	89,845	340,444	13.4	111,474	425,495	14.3	118,961	448,758
2019	861,012	10.8	92,989	344,889	13.4	115,376	431,050	14.3	123,125	454,617
2020	891,147	10.8	96,244	348,948	13.4	119,414	436,123	14.3	127,434	459,967
2021	922,337	10.8	99,612	352,568	13.4	123,593	440,647	14.3	131,894	464,739
2022	954,619	10.8	103,099	355,692	13.4	127,919	444,551	14.3	136,511	468,857
2023	988,031	10.8	106,707	358,257	13.4	132,396	447,757	14.3	141,288	472,238
2024	1,022,612	10.8	110,442	360,195	13.4	137,030	450,179	14.3	146,234	474,793
2025	1,058,403	10.8	114,308	361,432	13.4	141,826	451,725	14.3	151,352	476,424

Valuation Year	Estimated Projected Payroll	LT-5(65) Benefit Program			L-7 Benefit Program			LT-8(65) Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	16.0%	\$124,253	\$ 492,025	16.0%	\$124,253	\$ 495,751	17.7%	\$137,455	\$ 548,412
2017	803,764	16.0	128,602	499,579	16.0	128,602	503,363	17.7	142,266	556,832
2018	831,896	16.0	133,103	506,697	16.0	133,103	510,535	17.7	147,246	564,766
2019	861,012	16.0	137,762	513,313	16.0	137,762	517,201	17.7	152,399	572,140
2020	891,147	16.0	142,584	519,354	16.0	142,584	523,288	17.7	157,733	578,873
2021	922,337	16.0	147,574	524,742	16.0	147,574	528,717	17.7	163,254	584,878
2022	954,619	16.0	152,739	529,391	16.0	152,739	533,401	17.7	168,968	590,060
2023	988,031	16.0	158,085	533,208	16.0	158,085	537,247	17.7	174,881	594,315
2024	1,022,612	16.0	163,618	536,092	16.0	163,618	540,153	17.7	181,002	597,530
2025	1,058,403	16.0	169,344	537,934	16.0	169,344	542,008	17.7	187,337	599,583

Valuation Year	Estimated Projected Payroll	L-12 Benefit Program			LT-14(65) Benefit Program			L-6 Benefit Program		
		Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial	Estimated Employer Contribution		Unfunded Actuarial
		As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability	As a % of Payroll	Annual Dollars	Accrued Liability
2016	\$ 776,583	18.6%	\$144,444	\$ 578,424	19.5%	\$151,434	\$ 604,744	21.2%	\$164,636	\$ 660,952
2017	803,764	18.6	149,500	587,305	19.5	156,734	614,029	21.2	170,398	671,100
2018	831,896	18.6	154,733	595,673	19.5	162,220	622,778	21.2	176,362	680,662
2019	861,012	18.6	160,148	603,450	19.5	167,897	630,909	21.2	182,535	689,549
2020	891,147	18.6	165,753	610,552	19.5	173,774	638,334	21.2	188,923	697,664
2021	922,337	18.6	171,555	616,886	19.5	179,856	644,956	21.2	195,535	704,902
2022	954,619	18.6	177,559	622,352	19.5	186,151	650,670	21.2	202,379	711,147
2023	988,031	18.6	183,774	626,840	19.5	192,666	655,362	21.2	209,463	716,275
2024	1,022,612	18.6	190,206	630,231	19.5	199,409	658,907	21.2	216,794	720,150
2025	1,058,403	18.6	196,863	632,396	19.5	206,389	661,170	21.2	224,381	722,624

Notes regarding the above projections:

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- 3) Due to the estimated nature of the above projections, certain but not all aspects of the Missouri LAGERS funding policy have been incorporated in the above projections.
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