



The Initial Valuation For

# Spanish Lake Fire Protection District

as of June 30, 2024



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August 2, 2024

Spanish Lake Fire Protection District  
St. Louis, 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 - 105.685 RSMo). This report should not be relied on for any purpose other than the purposes described herein. Determinations of financial results, associated with the benefits described in this report, for purposes other than those identified above may be significantly different.

This report was prepared at the request of the political subdivision and is intended for use by the political subdivision and those designated or approved by the political subdivision. This report may be provided to parties other than the political subdivision only in its entirety and only with the permission of the political subdivision. GRS is not responsible for unauthorized use of this report.

The contribution requirement for benefits likely to accrue as a result of the future service of your employees is described on pages 4 thru 7 as the normal cost rate and the casualty rate. 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 7 as the prior service cost rate. 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 rate 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 normal cost rate, casualty rate, and prior service cost rate (the total employer contribution rate as shown on pages 4 thru 7). These contributions are mandatory after official action has been taken to join the System.

The total annual dollar costs shown on pages 8 and 9 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 29, 2024.

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. This valuation assumed the ability of the plan sponsor to make the contributions necessary to fund this plan. A determination regarding whether or not the plan sponsor is actually able to do so is outside our expertise and not performed. 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 June 30, 2024. The valuation was based on data furnished from your records concerning individual employees (see Appendix V).

This report includes risk commentary in Appendix VI, but does not include a more robust assessment of the risks of future experience not meeting the actuarial assumptions. Additional assessment of risks was outside the scope of this assignment.

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

This report has been prepared by actuaries who have substantial experience valuing public employee retirement systems. To the best of our knowledge the information contained in this report is accurate and fairly presents the actuarial position of the political subdivision as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices, with the actuarial standards of practice issued by the Actuarial Standards Board, and with applicable statutes.

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

The signing actuary is independent of the plan sponsor.

Respectfully submitted,  
Gabriel, Roeder, Smith & Company



Mita D. Drazilov, ASA, FCA, MAAA



## Alternate Plan Provisions Affecting Employer Contribution Rates

The law governing LAGERS provides for a member contribution rate of either 0%, 2%, 4% or 6%, with benefits based on either a 5 year or 3 year Final Average Salary (FAS).

**Member Contribution Rate - 0% Plan.** Under the 0% 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.

**Member Contribution Rate - 2%, 4% or 6% Plan.** Under any plan other than 0%, each covered member contributes a percentage 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.

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 144 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.

# Spanish Lake Fire Protection District

## Employer Contribution Rates 5 Year FAS - Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll						
		Normal Cost Rate	Casualty Rate	Prior Service Cost Rate *	Total Employer Contribution Rate Based Upon the Following Member Contribution Rates			
					0%	2%	4%	6%
L-1	General	5.90%	0.20%	2.90%	9.00%	7.10%	5.20%	3.30%
	Fire	8.30	0.60	10.80	19.70	17.80	15.90	14.00
L-3	General	7.20	0.30	3.70	11.20	9.30	7.40	5.50
	Fire	10.20	0.70	13.50	24.40	22.50	20.60	18.70
LT-4(65)	General	6.40	0.20	3.20	9.80	7.90	6.00	4.10
	Fire	10.30	0.60	13.00	23.90	22.00	20.10	18.20
LT-5(65)	General	7.50	0.30	3.90	11.70	9.80	7.90	6.00
	Fire	11.70	0.70	15.20	27.60	25.70	23.80	21.90
L-7	General	8.40	0.30	4.40	13.10	11.20	9.30	7.40
	Fire	12.10	0.80	16.20	29.10	27.20	25.30	23.40
LT-8(65)	General	8.70	0.30	4.60	13.60	11.70	9.80	7.90
	Fire	13.10	0.80	17.30	31.20	29.30	27.40	25.50
L-12	General	9.70	0.40	5.10	15.20	13.30	11.40	9.50
	Fire	13.90	0.90	18.90	33.70	31.80	29.90	28.00
LT-14(65)	General	9.80	0.40	5.20	15.40	13.50	11.60	9.70
	Fire	14.40	0.90	19.50	34.80	32.90	31.00	29.10
L-6	General	10.90	0.50	5.90	17.30	15.40	13.50	11.60
	Fire	15.80	1.00	21.60	38.40	36.50	34.60	32.70

\* Assumes that credit is granted for 100% of service rendered prior to the membership date for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost rate will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

The total employer contribution rate for each member contribution rate option shown above includes the prior service cost rate, casualty rate and corresponding normal cost rate. The prior service cost rate is the cost associated with paying off the unfunded actuarial accrued liability (past service). The normal cost rate plus the casualty rate is the cost of members' service being rendered each year (future service). For purposes of this initial valuation, the total employer contribution rate for the 0% member contribution rate plan is decreased by 1.9%, 3.8% and 5.7% for the 2%, 4% and 6% member contribution rate plans, respectively.

# Spanish Lake Fire Protection District

## Employer Contribution Rates 3 Year FAS - Regular Retirement Eligibility

Benefit Program	Employee Groups	Percents of Active Member Payroll						
		Normal Cost Rate	Casualty Rate	Prior Service Cost Rate *	Total Employer Contribution Rate Based Upon the Following Member Contribution Rates			
					0%	2%	4%	6%
L-1	General	6.10%	0.20%	3.00%	9.30%	7.40%	5.50%	3.60%
	Fire	8.60	0.60	11.10	20.30	18.40	16.50	14.60
L-3	General	7.40	0.30	3.80	11.50	9.60	7.70	5.80
	Fire	10.50	0.70	13.90	25.10	23.20	21.30	19.40
LT-4(65)	General	6.60	0.20	3.40	10.20	8.30	6.40	4.50
	Fire	10.60	0.60	13.40	24.60	22.70	20.80	18.90
LT-5(65)	General	7.80	0.30	4.00	12.10	10.20	8.30	6.40
	Fire	12.00	0.70	15.60	28.30	26.40	24.50	22.60
L-7	General	8.70	0.30	4.60	13.60	11.70	9.80	7.90
	Fire	12.40	0.80	16.70	29.90	28.00	26.10	24.20
LT-8(65)	General	8.90	0.30	4.70	13.90	12.00	10.10	8.20
	Fire	13.50	0.80	17.80	32.10	30.20	28.30	26.40
L-12	General	10.00	0.40	5.30	15.70	13.80	11.90	10.00
	Fire	14.40	0.90	19.40	34.70	32.80	30.90	29.00
LT-14(65)	General	10.10	0.40	5.40	15.90	14.00	12.10	10.20
	Fire	14.90	0.90	20.00	35.80	33.90	32.00	30.10
L-6	General	11.30	0.50	6.10	17.90	16.00	14.10	12.20
	Fire	16.30	1.00	22.20	39.50	37.60	35.70	33.80

\* Assumes that credit is granted for 100% of service rendered prior to the membership date for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost rate will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

The total employer contribution rate for each member contribution rate option shown above includes the prior service cost rate, casualty rate and corresponding normal cost rate. The prior service cost rate is the cost associated with paying off the unfunded actuarial accrued liability (past service). The normal cost rate plus the casualty rate is the cost of members' service being rendered each year (future service). For purposes of this initial valuation, the total employer contribution rate for the 0% member contribution rate plan is decreased by 1.9%, 3.8% and 5.7% for the 2%, 4% and 6% member contribution rate plans, respectively.



# Spanish Lake Fire Protection District

## Employer Contribution Rates 5 Year FAS - Rule of 80 Retirement Eligibility#

Benefit Program	Employee Groups	Percents of Active Member Payroll						
		Normal Cost Rate	Casualty Rate	Prior Service Cost Rate *	Total Employer Contribution Rate Based Upon the Following Member Contribution Rates			
					0%	2%	4%	6%
L-1	General	6.40%	0.20%	3.30%	9.90%	8.00%	6.10%	4.20%
	Fire	8.70	0.60	11.50	20.80	18.90	17.00	15.10
L-3	General	7.80	0.30	4.10	12.20	10.30	8.40	6.50
	Fire	10.60	0.70	14.30	25.60	23.70	21.80	19.90
LT-4(65)	General	7.60	0.20	4.00	11.80	9.90	8.00	6.10
	Fire	11.10	0.60	14.70	26.40	24.50	22.60	20.70
LT-5(65)	General	8.70	0.30	4.60	13.60	11.70	9.80	7.90
	Fire	12.40	0.70	16.80	29.90	28.00	26.10	24.20
L-7	General	9.20	0.30	4.90	14.40	12.50	10.60	8.70
	Fire	12.60	0.80	17.20	30.60	28.70	26.80	24.90
LT-8(65)	General	9.80	0.30	5.30	15.40	13.50	11.60	9.70
	Fire	13.80	0.80	18.80	33.40	31.50	29.60	27.70
L-12	General	10.60	0.40	5.70	16.70	14.80	12.90	11.00
	Fire	14.50	0.90	20.10	35.50	33.60	31.70	29.80
LT-14(65)	General	10.90	0.40	5.90	17.20	15.30	13.40	11.50
	Fire	15.10	0.90	20.90	36.90	35.00	33.10	31.20
L-6	General	12.00	0.50	6.50	19.00	17.10	15.20	13.30
	Fire	16.40	1.00	22.90	40.30	38.40	36.50	34.60

# 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 for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost rate will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

The total employer contribution rate for each member contribution rate option shown above includes the prior service cost rate, casualty rate and corresponding normal cost rate. The prior service cost rate is the cost associated with paying off the unfunded actuarial accrued liability (past service). The normal cost rate plus the casualty rate is the cost of members' service being rendered each year (future service). For purposes of this initial valuation, the total employer contribution rate for the 0% member contribution rate plan is decreased by 1.9%, 3.8% and 5.7% for the 2%, 4% and 6% member contribution rate plans, respectively.





# Spanish Lake Fire Protection District

## Employer Contribution Rates 3 Year FAS - Rule of 80 Retirement Eligibility#

Benefit Program	Employee Groups	Percents of Active Member Payroll						
		Normal Cost Rate	Casualty Rate	Prior Service Cost Rate *	Total Employer Contribution Rate Based Upon the Following Member Contribution Rates			
					0%	2%	4%	6%
L-1	General	6.70%	0.20%	3.40%	10.30%	8.40%	6.50%	4.60%
	Fire	8.90	0.60	11.80	21.30	19.40	17.50	15.60
L-3	General	8.10	0.30	4.20	12.60	10.70	8.80	6.90
	Fire	10.90	0.70	14.80	26.40	24.50	22.60	20.70
LT-4(65)	General	7.90	0.20	4.20	12.30	10.40	8.50	6.60
	Fire	11.40	0.60	15.20	27.20	25.30	23.40	21.50
LT-5(65)	General	9.00	0.30	4.80	14.10	12.20	10.30	8.40
	Fire	12.80	0.70	17.30	30.80	28.90	27.00	25.10
L-7	General	9.50	0.30	5.10	14.90	13.00	11.10	9.20
	Fire	13.00	0.80	17.70	31.50	29.60	27.70	25.80
LT-8(65)	General	10.10	0.30	5.50	15.90	14.00	12.10	10.20
	Fire	14.20	0.80	19.40	34.40	32.50	30.60	28.70
L-12	General	11.00	0.40	5.90	17.30	15.40	13.50	11.60
	Fire	15.00	0.90	20.70	36.60	34.70	32.80	30.90
LT-14(65)	General	11.30	0.40	6.10	17.80	15.90	14.00	12.10
	Fire	15.60	0.90	21.50	38.00	36.10	34.20	32.30
L-6	General	12.40	0.50	6.80	19.70	17.80	15.90	14.00
	Fire	17.00	1.00	23.60	41.60	39.70	37.80	35.90

# 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 for employees working in a covered position on the membership date and employed continuously in a covered position for one year with this employer. If the governing body wishes to elect one of the lesser percents allowed by law -- 75%, 50%, or 25% -- the prior service cost rate will be reduced. An additional actuarial valuation will need to be performed to determine the employer contribution rate.

The total employer contribution rate for each member contribution rate option shown above includes the prior service cost rate, casualty rate and corresponding normal cost rate. The prior service cost rate is the cost associated with paying off the unfunded actuarial accrued liability (past service). The normal cost rate plus the casualty rate is the cost of members' service being rendered each year (future service). For purposes of this initial valuation, the total employer contribution rate for the 0% member contribution rate plan is decreased by 1.9%, 3.8% and 5.7% for the 2%, 4% and 6% member contribution rate plans, respectively.

# Spanish Lake Fire Protection District

## Employer Contribution Dollars General

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:

### Regular Retirement Eligibility

5 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 5,564	\$ 4,389	\$ 3,215	\$ 2,040
L-3	6,924	5,749	4,575	3,400
LT-4(65)	6,058	4,884	3,709	2,535
LT-5(65)	7,233	6,058	4,884	3,709
L-7	8,098	6,924	5,749	4,575
LT-8(65)	8,407	7,233	6,058	4,884
L-12	9,396	8,222	7,047	5,873
LT-14(65)	9,520	8,345	7,171	5,996
L-6	10,695	9,520	8,345	7,171

3 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 5,749	\$ 4,575	\$ 3,400	\$ 2,225
L-3	7,109	5,935	4,760	3,585
LT-4(65)	6,305	5,131	3,956	2,782
LT-5(65)	7,480	6,305	5,131	3,956
L-7	8,407	7,233	6,058	4,884
LT-8(65)	8,593	7,418	6,244	5,069
L-12	9,705	8,531	7,356	6,182
LT-14(65)	9,829	8,655	7,480	6,305
L-6	11,065	9,891	8,716	7,542

### Rule of 80 Retirement Eligibility

5 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 6,120	\$ 4,945	\$ 3,771	\$ 2,596
L-3	7,542	6,367	5,193	4,018
LT-4(65)	7,295	6,120	4,945	3,771
LT-5(65)	8,407	7,233	6,058	4,884
L-7	8,902	7,727	6,553	5,378
LT-8(65)	9,520	8,345	7,171	5,996
L-12	10,324	9,149	7,975	6,800
LT-14(65)	10,633	9,458	8,284	7,109
L-6	11,745	10,571	9,396	8,222

3 Year FAS				
Benefit Program	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 6,367	\$ 5,193	\$ 4,018	\$ 2,844
L-3	7,789	6,615	5,440	4,265
LT-4(65)	7,604	6,429	5,255	4,080
LT-5(65)	8,716	7,542	6,367	5,193
L-7	9,211	8,036	6,862	5,687
LT-8(65)	9,829	8,655	7,480	6,305
L-12	10,695	9,520	8,345	7,171
LT-14(65)	11,004	9,829	8,655	7,480
L-6	12,178	11,004	9,829	8,655

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.



# Spanish Lake Fire Protection District

## Employer Contribution Dollars Fire

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:

### Regular Retirement Eligibility

Benefit Program	5 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 304,991	\$ 275,576	\$ 246,161	\$ 216,745
L-3	377,756	348,341	318,925	289,510
LT-4(65)	370,015	340,600	311,184	281,769
LT-5(65)	427,298	397,882	368,467	339,051
L-7	450,520	421,105	391,690	362,274
LT-8(65)	483,032	453,617	424,201	394,786
L-12	521,737	492,321	462,906	433,490
LT-14(65)	538,767	509,351	479,936	450,520
L-6	594,501	565,086	535,670	506,255

Benefit Program	3 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 314,281	\$ 284,865	\$ 255,450	\$ 226,034
L-3	388,593	359,178	329,762	300,347
LT-4(65)	380,852	351,437	322,021	292,606
LT-5(65)	438,135	408,720	379,304	349,889
L-7	462,906	433,490	404,075	374,660
LT-8(65)	496,966	467,550	438,135	408,720
L-12	537,218	507,803	478,388	448,972
LT-14(65)	554,248	524,833	495,418	466,002
L-6	611,531	582,116	552,700	523,285

### Rule of 80 Retirement Eligibility

Benefit Program	5 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 322,021	\$ 292,606	\$ 263,191	\$ 233,775
L-3	396,334	366,919	337,503	308,088
LT-4(65)	408,720	379,304	349,889	320,473
LT-5(65)	462,906	433,490	404,075	374,660
L-7	473,743	444,328	414,912	385,497
LT-8(65)	517,092	487,677	458,261	428,846
L-12	549,604	520,188	490,773	461,358
LT-14(65)	571,278	541,863	512,448	483,032
L-6	623,917	594,501	565,086	535,670

Benefit Program	3 Year FAS			
	Member Contribution Rate			
	0%	2%	4%	6%
L-1	\$ 329,762	\$ 300,347	\$ 270,932	\$ 241,516
L-3	408,720	379,304	349,889	320,473
LT-4(65)	421,105	391,690	362,274	332,859
LT-5(65)	476,839	447,424	418,009	388,593
L-7	487,677	458,261	428,846	399,430
LT-8(65)	532,574	503,159	473,743	444,328
L-12	566,634	537,218	507,803	478,388
LT-14(65)	588,308	558,893	529,478	500,062
L-6	644,043	614,627	585,212	555,797

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.



# Spanish Lake Fire Protection District

## Employees and Payroll Included in the Valuation

	General	Fire
Number of Employees	1	15
Annual Payroll	\$ 61,818	\$ 1,548,180

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

## **APPENDIX I**

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### **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 7 as the "Prior Service Cost Rate" 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:

### Spanish Lake Fire Protection District

#### Regular Retirement Eligibility

Benefit Group	Employee Group	Member Contribution Rate - 0%	
		UAAL (5 Year FAS)	UAAL (3 Year FAS)
L-1	General	\$ 31,051	\$ 32,167
	Fire	2,862,099	2,946,405
L-3	General	38,808	40,232
	Fire	3,577,612	3,683,032
LT-4(65)	General	34,249	35,496
	Fire	3,459,787	3,563,363
LT-5(65)	General	41,209	42,705
	Fire	4,025,909	4,145,755
L-7	General	46,577	48,254
	Fire	4,293,127	4,419,631
LT-8(65)	General	48,182	49,906
	Fire	4,592,013	4,728,137
L-12	General	54,328	56,309
	Fire	5,008,658	5,156,291
LT-14(65)	General	55,148	57,128
	Fire	5,158,093	5,310,531
L-6	General	62,097	64,359
	Fire	5,724,231	5,892,823

# Spanish Lake Fire Protection District

## Unfunded Actuarial Accrued Liability (UAAL)

### Rule of 80 Retirement Eligibility

Benefit Group	Employee Group	Member Contribution Rate - 0%	
		UAAL (5 Year FAS)	UAAL (3 Year FAS)
L-1	General	\$ 34,567	\$ 35,857
	Fire	3,039,120	3,132,456
L-3	General	43,215	44,827
	Fire	3,798,920	3,915,597
LT-4(65)	General	42,365	43,942
	Fire	3,898,223	4,019,823
LT-5(65)	General	49,063	50,885
	Fire	4,443,241	4,581,134
L-7	General	51,861	53,795
	Fire	4,558,675	4,698,712
LT-8(65)	General	55,759	57,827
	Fire	4,988,250	5,142,434
L-12	General	60,498	62,756
	Fire	5,318,485	5,481,876
LT-14(65)	General	62,448	64,782
	Fire	5,533,251	5,703,714
L-6	General	69,152	71,725
	Fire	6,078,316	6,264,904

## **APPENDIX II**

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### **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 7.00% per year, net of investment expenses, 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. The price inflation rate used in making the valuations was 2.25% and the wage inflation rate used in making the valuations was 2.75%. The 7.00% investment return rate translates to an assumed real rate of return over price inflation of 4.75% and over wage inflation of 4.25%. Adopted 2021.
2. The healthy retiree mortality tables, for post-retirement mortality, used in evaluating allowances to be paid were 115% of the PubG-2010 Retiree Mortality Table for males and females. The disabled retiree mortality tables, for post-retirement mortality, used in evaluating allowances to be paid were 115% of the PubNS-2010 Disabled Retiree Mortality Table for males and females. The pre-retirement mortality tables used were 75% of the PubG-2010 Employee Mortality Table for males and females of General groups and 75% of the PubS-2010 Employee Mortality Table for males and females of Police, Fire and Public Safety groups. Mortality rates for a particular calendar year are determined by applying the MP-2020 mortality improvement scale to the above described tables. Adopted 2021.
3. The probabilities of withdrawal and disability from service, together with individual pay increase assumptions, are shown in Schedule 1. Adopted 2021.
4. The probabilities of retirement with an age and service allowance are shown in Schedule 2. Adopted 2021.
5. Post-retirement cost of living allowances are assumed to be 2.00% per year. Adopted 2021.
6. Total active member payroll is assumed to increase 2.75% 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 2021.
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. This report was prepared using our proprietary valuation model and related software, which in our professional judgment, has the capability to provide results that are consistent with the purposes of the valuation and has no material limitations or known weaknesses. We performed tests to ensure that the model reasonably represents that which is intended to be modeled.

## Schedule 1.

### Separations From Active Employment (Not Including Death-in-Service) Before Age & Service Retirement and Individual Pay Increase Assumptions

		Percent of Active Members Separating Within Next Year							
Sample Ages	Years of Service	General/Public Safety Members				Police		Fire	
		Men		Women					
		Disability	Withdrawal	Disability	Withdrawal	Disability	Withdrawal	Disability	Withdrawal
All	0		20.00%		23.00%		18.00%		12.00%
	1		18.00		21.00		17.00		10.00
	2		16.00		18.00		16.00		8.00
	3		13.00		15.00		14.00		8.00
	4		12.00		13.00		13.00		7.00
25	5 & Over	0.07%	8.80	0.02%	12.40	0.10%	10.80	0.07%	6.00
30		0.10	7.10	0.03	10.20	0.11	8.50	0.11	4.50
35		0.13	5.60	0.06	7.80	0.16	6.30	0.25	3.20
40		0.18	4.10	0.09	5.80	0.22	4.60	0.39	2.40
45		0.25	3.10	0.15	4.40	0.34	3.40	0.62	1.90
50		0.37	2.40	0.22	3.50	0.53	2.10	0.95	1.30
55		0.57	1.70	0.32	2.50	0.88	1.10	1.46	0.70
60	0.86	1.10	0.45	1.40		0.00		0.00	
65			0.00		0.00		0.00		0.00

Percent Increase in Individual's Pay During Next Year			
Sample Ages	General/ Public Safety	Police	Fire
25	6.75%	6.55%	7.15%
30	5.95	5.75	6.05
35	5.35	5.25	5.15
40	4.85	4.75	4.45
45	4.25	4.25	4.05
50	3.85	3.85	3.85
55	3.65	3.65	3.45

## 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/ Public Safety	Fire
	Men	Women			
55	3.00%	3.00%	50	2.50%	2.25%
56	3.00%	3.00%	51	2.50%	2.25%
57	3.00%	3.00%	52	3.00%	2.25%
58	3.00%	3.00%	53	3.00%	2.25%
59	3.00%	3.00%	54	3.50%	2.25%

#### Normal Retirement

Retirement Ages	General Members		Retirement Ages	Police/ Public Safety	Fire
	Men	Women			
60	10%	10%	55	11%	13%
61	10	10	56	11	13
62	25	15	57	11	13
63	20	15	58	11	13
64	20	15	59	11	13
65	25	25	60	11	15
66	25	30	61	11	20
67	20	25	62	22	20
68	20	25	63	18	20
69	20	20	64	18	20
70	100	100	65	100	100

## Schedule 2. (Concluded)

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

Retirement Ages	General Members		Police/ Public Safety	Fire
	Men	Women		
50	20%	15%	25%	25%
51	20	15	25	20
52	15	15	15	20
53	15	15	15	20
54	15	15	15	20
55	15	15	15	20
56	15	15	15	20
57	15	15	15	25
58	15	15	15	25
59	15	15	15	25
60	15	15	15	35
61	15	15	25	35
62	25	15	20	45
63	25	15	20	45
64	25	20	20	45
65	30	25	100	100
66	30	25		
67	20	25		
68	20	25		
69	20	25		
70	100	100		

## **APPENDIX III**

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### **SUMMARY OF LAGERS PROVISIONS**

# Missouri Local Government Employees Retirement System

## Brief Summary of LAGERS

### Benefits and Conditions Evaluated and/or Considered as of February 29, 2024

#### (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, public safety 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, public safety 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 a percent of compensation beginning after completion of sufficient employment for 6 months of credited service. The law governing LAGERS has a provision for the adoption of a 2%, 4% or 6% member contribution rate.

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 0% plan in which the full cost of LAGERS participation is paid by the employer. Adoption of the 0% plan may be done at the time of membership or a later date; however, a change in the member contribution rate may not be made more frequently than every 2 years. Under the 0% plan 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**

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### **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 <sup>1</sup> )

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>	Estimated Social Security <sup>2</sup>	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 525	\$ 1,031	\$1,556	104%
2,000	700	1,174	1,874	94%
2,500	875	1,314	2,189	88%
3,000	1,050	1,455	2,505	84%
3,500	1,225	1,599	2,824	81%
4,000	1,400	1,739	3,139	78%
25 Years of Service:				
\$1,500	\$ 375	\$ 1,031	\$1,406	94%
2,000	500	1,174	1,674	84%
2,500	625	1,314	1,939	78%
3,000	750	1,455	2,205	74%
3,500	875	1,599	2,474	71%
4,000	1,000	1,739	2,739	68%
15 Years of Service:				
\$1,500	\$225	\$ 1,031	\$1,256	84%
2,000	300	1,174	1,474	74%
2,500	375	1,314	1,689	68%
3,000	450	1,455	1,905	64%
3,500	525	1,599	2,124	61%
4,000	600	1,739	2,339	58%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

<sup>3</sup> 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 <sup>1</sup> )

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>	Estimated Social Security <sup>2</sup>	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 656	\$ 1,031	\$1,687	112%
2,000	875	1,174	2,049	102%
2,500	1,094	1,314	2,408	96%
3,000	1,313	1,455	2,768	92%
3,500	1,531	1,599	3,130	89%
4,000	1,750	1,739	3,489	87%
25 Years of Service:				
\$1,500	\$ 469	\$ 1,031	\$1,500	100%
2,000	625	1,174	1,799	90%
2,500	781	1,314	2,095	84%
3,000	938	1,455	2,393	80%
3,500	1,094	1,599	2,693	77%
4,000	1,250	1,739	2,989	75%
15 Years of Service:				
\$1,500	\$281	\$ 1,031	\$1,312	87%
2,000	375	1,174	1,549	77%
2,500	469	1,314	1,783	71%
3,000	563	1,455	2,018	67%
3,500	656	1,599	2,255	64%
4,000	750	1,739	2,489	62%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

<sup>3</sup> 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 <sup>1</sup> )

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>	Estimated Social Security <sup>2</sup>	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 788	\$ 1,031	\$1,819	121%
2,000	1,050	1,174	2,224	111%
2,500	1,313	1,314	2,627	105%
3,000	1,575	1,455	3,030	101%
3,500	1,838	1,599	3,437	98%
4,000	2,100	1,739	3,839	96%
25 Years of Service:				
\$1,500	\$ 563	\$ 1,031	\$1,594	106%
2,000	750	1,174	1,924	96%
2,500	938	1,314	2,252	90%
3,000	1,125	1,455	2,580	86%
3,500	1,313	1,599	2,912	83%
4,000	1,500	1,739	3,239	81%
15 Years of Service:				
\$1,500	\$338	\$ 1,031	\$1,369	91%
2,000	450	1,174	1,624	81%
2,500	563	1,314	1,877	75%
3,000	675	1,455	2,130	71%
3,500	788	1,599	2,387	68%
4,000	900	1,739	2,639	66%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

<sup>3</sup> 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 <sup>1</sup> )

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>	Estimated Social Security <sup>2</sup>	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$ 919	\$ 1,031	\$1,950	130%
2,000	1,225	1,174	2,399	120%
2,500	1,531	1,314	2,845	114%
3,000	1,838	1,455	3,293	110%
3,500	2,144	1,599	3,743	107%
4,000	2,450	1,739	4,189	105%
25 Years of Service:				
\$1,500	\$ 656	\$ 1,031	\$1,687	112%
2,000	875	1,174	2,049	102%
2,500	1,094	1,314	2,408	96%
3,000	1,313	1,455	2,768	92%
3,500	1,531	1,599	3,130	89%
4,000	1,750	1,739	3,489	87%
15 Years of Service:				
\$1,500	\$ 394	\$ 1,031	\$1,425	95%
2,000	525	1,174	1,699	85%
2,500	656	1,314	1,970	79%
3,000	788	1,455	2,243	75%
3,500	919	1,599	2,518	72%
4,000	1,050	1,739	2,789	70%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

<sup>3</sup> 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 <sup>1</sup> )

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>	Estimated Social Security <sup>2</sup>	Estimated Monthly Total	
			\$	% of FAS
35 Years of Service:				
\$1,500	\$1,050	\$ 1,031	\$2,081	139%
2,000	1,400	1,174	2,574	129%
2,500	1,750	1,314	3,064	123%
3,000	2,100	1,455	3,555	119%
3,500	2,450	1,599	4,049	116%
4,000	2,800	1,739	4,539	113%
25 Years of Service:				
\$1,500	\$ 750	\$ 1,031	\$1,781	119%
2,000	1,000	1,174	2,174	109%
2,500	1,250	1,314	2,564	103%
3,000	1,500	1,455	2,955	99%
3,500	1,750	1,599	3,349	96%
4,000	2,000	1,739	3,739	93%
15 Years of Service:				
\$1,500	\$ 450	\$ 1,031	\$1,481	99%
2,000	600	1,174	1,774	89%
2,500	750	1,314	2,064	83%
3,000	900	1,455	2,355	79%
3,500	1,050	1,599	2,649	76%
4,000	1,200	1,739	2,939	73%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

<sup>3</sup> 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 FAS <sup>1</sup> to age 65)  
1.00% of FAS <sup>1</sup> at age 65)

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>		Estimated Social Security <sup>2</sup>	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	\$ 1,031	\$1,050	\$1,556	70%	104%
2,000	1,400	700	1,174	1,400	1,874	70%	94%
2,500	1,750	875	1,314	1,750	2,189	70%	88%
3,000	2,100	1,050	1,455	2,100	2,505	70%	84%
3,500	2,450	1,225	1,599	2,450	2,824	70%	81%
4,000	2,800	1,400	1,739	2,800	3,139	70%	78%
25 Years of Service:							
\$1,500	\$ 750	\$ 375	\$ 1,031	\$ 750	\$1,406	50%	94%
2,000	1,000	500	1,174	1,000	1,674	50%	84%
2,500	1,250	625	1,314	1,250	1,939	50%	78%
3,000	1,500	750	1,455	1,500	2,205	50%	74%
3,500	1,750	875	1,599	1,750	2,474	50%	71%
4,000	2,000	1,000	1,739	2,000	2,739	50%	68%
15 Years of Service:							
\$1,500	\$ 450	\$225	\$ 1,031	\$ 450	\$1,256	30%	84%
2,000	600	300	1,174	600	1,474	30%	74%
2,500	750	375	1,314	750	1,689	30%	68%
3,000	900	450	1,455	900	1,905	30%	64%
3,500	1,050	525	1,599	1,050	2,124	30%	61%
4,000	1,200	600	1,739	1,200	2,339	30%	58%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

<sup>3</sup> 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 FAS <sup>1</sup> to age 65)  
1.25% of FAS <sup>1</sup> at age 65)

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>		Estimated Social Security <sup>2</sup>	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	\$ 1,031	\$1,050	\$1,687	70%	112%
2,000	1,400	875	1,174	1,400	2,049	70%	102%
2,500	1,750	1,094	1,314	1,750	2,408	70%	96%
3,000	2,100	1,313	1,455	2,100	2,768	70%	92%
3,500	2,450	1,531	1,599	2,450	3,130	70%	89%
4,000	2,800	1,750	1,739	2,800	3,489	70%	87%
25 Years of Service:							
\$1,500	\$ 750	\$ 469	\$ 1,031	\$ 750	\$1,500	50%	100%
2,000	1,000	625	1,174	1,000	1,799	50%	90%
2,500	1,250	781	1,314	1,250	2,095	50%	84%
3,000	1,500	938	1,455	1,500	2,393	50%	80%
3,500	1,750	1,094	1,599	1,750	2,693	50%	77%
4,000	2,000	1,250	1,739	2,000	2,989	50%	75%
15 Years of Service:							
\$1,500	\$ 450	\$281	\$ 1,031	\$ 450	\$1,312	30%	87%
2,000	600	375	1,174	600	1,549	30%	77%
2,500	750	469	1,314	750	1,783	30%	71%
3,000	900	563	1,455	900	2,018	30%	67%
3,500	1,050	656	1,599	1,050	2,255	30%	64%
4,000	1,200	750	1,739	1,200	2,489	30%	62%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

<sup>3</sup> 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 FAS <sup>1</sup> to age 65)  
1.50% of FAS <sup>1</sup> at age 65)

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>		Estimated Social Security <sup>2</sup>	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	\$ 1,031	\$1,050	\$1,819	70%	121%
2,000	1,400	1,050	1,174	1,400	2,224	70%	111%
2,500	1,750	1,313	1,314	1,750	2,627	70%	105%
3,000	2,100	1,575	1,455	2,100	3,030	70%	101%
3,500	2,450	1,838	1,599	2,450	3,437	70%	98%
4,000	2,800	2,100	1,739	2,800	3,839	70%	96%
25 Years of Service:							
\$1,500	\$ 750	\$ 563	\$ 1,031	\$ 750	\$1,594	50%	106%
2,000	1,000	750	1,174	1,000	1,924	50%	96%
2,500	1,250	938	1,314	1,250	2,252	50%	90%
3,000	1,500	1,125	1,455	1,500	2,580	50%	86%
3,500	1,750	1,313	1,599	1,750	2,912	50%	83%
4,000	2,000	1,500	1,739	2,000	3,239	50%	81%
15 Years of Service:							
\$1,500	\$ 450	\$338	\$ 1,031	\$ 450	\$1,369	30%	91%
2,000	600	450	1,174	600	1,624	30%	81%
2,500	750	563	1,314	750	1,877	30%	75%
3,000	900	675	1,455	900	2,130	30%	71%
3,500	1,050	788	1,599	1,050	2,387	30%	68%
4,000	1,200	900	1,739	1,200	2,639	30%	66%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

<sup>3</sup> 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 FAS <sup>1</sup> to age 65)  
1.75% of FAS <sup>1</sup> at age 65)

Final Average Salary (FAS) <sup>1</sup>	LAGERS BENEFIT <sup>3</sup>		Estimated Social Security <sup>2</sup>	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	\$ 1,031	\$1,050	\$1,950	70%	130%
2,000	1,400	1,225	1,174	1,400	2,399	70%	120%
2,500	1,750	1,531	1,314	1,750	2,845	70%	114%
3,000	2,100	1,838	1,455	2,100	3,293	70%	110%
3,500	2,450	2,144	1,599	2,450	3,743	70%	107%
4,000	2,800	2,450	1,739	2,800	4,189	70%	105%
25 Years of Service:							
\$1,500	\$ 750	\$ 656	\$ 1,031	\$ 750	\$1,687	50%	112%
2,000	1,000	875	1,174	1,000	2,049	50%	102%
2,500	1,250	1,094	1,314	1,250	2,408	50%	96%
3,000	1,500	1,313	1,455	1,500	2,768	50%	92%
3,500	1,750	1,531	1,599	1,750	3,130	50%	89%
4,000	2,000	1,750	1,739	2,000	3,489	50%	87%
15 Years of Service:							
\$1,500	\$ 450	\$ 394	\$ 1,031	\$ 450	\$1,425	30%	95%
2,000	600	525	1,174	600	1,699	30%	85%
2,500	750	656	1,314	750	1,970	30%	79%
3,000	900	788	1,455	900	2,243	30%	75%
3,500	1,050	919	1,599	1,050	2,518	30%	72%
4,000	1,200	1,050	1,739	1,200	2,789	30%	70%

<sup>1</sup> "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.

<sup>2</sup> "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 2024 - it does not include any amounts which might be payable to an eligible spouse or children.

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



## **APPENDIX V**

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### **AGE AND SERVICE CHARACTERISTICS OF EMPLOYEES**

# Spanish Lake Fire Protection District - General

June 30, 2024

## 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	\$ 61,818
40-44									
45-49									
50-54									
55-59									
60-64									
65-69									
70 & Over									
<b>Totals</b>		<b>1</b>						<b>1</b>	<b>\$ 61,818</b>

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

Age: 35.4 years.

Benefit Service: 6.2 years.

Annual Pay: \$61,818.

# Spanish Lake Fire Protection District - Fire

June 30, 2024

## 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
<b>Under 20</b>									
20-24									
25-29	1							1	\$ 83,168
30-34	1							1	\$ 102,364
35-39	1							1	\$ 78,909
40-44	2							2	\$ 189,759
45-49	1				1			2	\$ 204,728
50-54	1				1	1		3	\$ 315,062
55-59				1			2	3	\$ 369,097
60-64							2	2	\$ 205,093
65-69									
<b>70 &amp; Over</b>									
<b>Totals</b>	<b>7</b>			<b>1</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>15</b>	<b>\$ 1,548,180</b>

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

Age: 48.4 years.

Benefit Service: 16.0 years.

Annual Pay: \$103,212.

## **APPENDIX VI**

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### **RISK COMMENTARY**

## Risk Commentary

The determination of the accrued liability and the actuarially determined contribution (i.e., total employer contribution rate) requires the use of assumptions regarding future economic and demographic experience. Risk measures, as illustrated in this report, are intended to aid in the understanding of the effects of future experience differing from the assumptions used in the course of the actuarial valuation. Risk measures may also help with illustrating the potential volatility in the accrued liability and the actuarially determined contribution that result from the differences between actual experience and the actuarial assumptions.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions due to changing conditions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period, or additional cost or contribution requirements based on the Plan's funded status); and changes in plan provisions or applicable law. The scope of an actuarial valuation does not include an analysis of the potential range of such future measurements.

Examples of risk that may reasonably be anticipated to significantly affect the plan's future financial condition include:

1. **Investment Risk** – actual investment returns may differ from the expected returns;
2. **Asset/Liability Mismatch Risk** – changes in asset values may not match changes in liabilities, thereby altering the gap between the accrued liability and assets and consequently altering the funded status and contribution requirements;
3. **Contribution Risk** – actual contributions may differ from expected future contributions. For example, actual contributions may not be made in accordance with the plan's funding policy or material changes may occur in the anticipated number of covered employees, covered payroll, or other relevant contribution base;
4. **Salary and Payroll Risk** – actual salaries and total payroll may differ from expected, resulting in actual future accrued liability, contributions and contribution rates differing from expected;
5. **Longevity Risk** – members may live longer or shorter than expected and receive pensions for a period of time other than assumed; and
6. **Other Demographic Risks** – members may terminate, retire or become disabled at times or with benefits other than assumed resulting in actual future accrued liability and contributions differing from expected.

The effects of certain trends in experience can generally be anticipated. For example if the investment return since the most recent actuarial valuation is less (or more) than the assumed rate, the cost of the plan can be expected to increase (or decrease). Likewise if longevity is improving (or worsening), increases (or decreases) in cost can be anticipated.

The computed contribution rates shown on pages 4 thru 7 may be considered as a minimum contribution rate for the selected benefit provisions that complies with the Board's funding policy. The timely receipt of the actuarially determined contributions is critical to support the financial health of the plan. Users of this report should be aware that contributions made at the actuarially determined rate do not necessarily guarantee benefit security.

# Risk Commentary (Concluded)

## PLAN MATURITY MEASURES

Risks facing a pension plan evolve over time. A young plan with virtually no investments and paying few benefits may experience little investment risk. An older plan with a large number of members in pay status and a significant trust may be much more exposed to investment risk. Generally accepted plan maturity measures are described below.

### **RATIO OF MARKET VALUE OF ASSETS TO PAYROLL**

The relationship between assets and payroll is a useful indicator of the potential volatility of contributions. For example, if the market value of assets is 2.0 times the payroll, a return on assets 5% different than assumed would equal 10% of payroll. A higher (lower) or increasing (decreasing) level of this maturity measure generally indicates a higher (lower) or increasing (decreasing) volatility in plan sponsor contributions as a percentage of payroll.

### **RATIO OF ACTUARIAL ACCRUED LIABILITY TO PAYROLL**

The relationship between actuarial accrued liability and payroll is a useful indicator of the potential volatility of contributions for a fully funded plan. A funding policy that targets a funded ratio of 100% is expected to result in the ratio of assets to payroll and the ratio of liability to payroll converging over time.

The ratio of liability to payroll may also be used as a measure of sensitivity of the liability itself. For example, if the actuarial accrued liability is 2.5 times the payroll, a change in liability 2% other than assumed would equal 5% of payroll. A higher (lower) or increasing (decreasing) level of this maturity measure generally indicates a higher (lower) or increasing (decreasing) volatility in liability (and also plan sponsor contributions) as a percentage of payroll.

### **RATIO OF NET CASH FLOW TO MARKET VALUE OF ASSETS**

A positive net cash flow means contributions exceed benefits and expenses. A negative cash flow means existing funds are being used to make payments. A certain amount of negative net cash flow is generally expected to occur when benefits are prefunded through a qualified trust. Large negative net cash flows as a percent of assets may indicate a super-mature plan or a need for additional contributions.

### **DURATION OF ACTUARIAL ACCRUED LIABILITY**

The duration of the actuarial accrued liability may be used to approximate the sensitivity to a 1% change in the assumed rate of return. For example, duration of 10 indicates that the liability would increase approximately 10% if the assumed rate of return were lowered 1%.

## ADDITIONAL RISK ASSESSMENT

Additional risk assessment is outside the scope of the annual actuarial valuation. Additional assessment may include scenario tests, sensitivity tests, stochastic modeling, stress tests, and a comparison of the present value of accrued benefits at low-risk discount rates with the actuarial accrued liability.





August 2, 2024 E-mail

Mr. Bill Betts, Executive Director  
Missouri Local Government  
Employees Retirement System  
P.O. Box 1665  
Jefferson City, Missouri 65102

Dear Mr. Betts:

Enclosed is the report of the June 30, 2024 Initial Actuarial Valuation of LAGERS benefits for the employees of

Spanish Lake Fire Protection District

Sincerely,

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

Mita D. Drazilov, ASA, FCA, MAAA

MDD:wp



August 2, 2024

Spanish Lake Fire Protection District  
St. Louis, Missouri

Ladies and Gentlemen:

This report contains 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. This report is intended to be a supplement to the June 30, 2024 Initial Valuation for the Spanish Lake Fire Protection District dated August 2, 2024.

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 29, 2024. The unfunded actuarial accrued liability shown for each member contribution rate option is based on the 0% member contribution rate plan.

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 opinions herein.

Respectfully submitted,  
Gabriel, Roeder, Smith & Company

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

Mita D. Drazilov, ASA, FCA, MAAA

# Spanish Lake Fire Protection District - General

## Employer Contribution Rates (0% Member Contribution Rate, 5 Year FAS)

### 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	
2024	\$ 61,818	9.0%	\$5,564	\$ 31,051	11.2%	\$6,924	\$ 38,808	9.8%	\$6,058	\$ 34,249
2025	63,518	9.0	5,717	31,349	11.2	7,114	39,180	9.8	6,225	34,578
2026	65,265	9.0	5,874	31,616	11.2	7,310	39,514	9.8	6,396	34,873
2027	67,060	9.0	6,035	31,849	11.2	7,511	39,805	9.8	6,572	35,130
2028	68,904	9.0	6,201	32,044	11.2	7,717	40,048	9.8	6,753	35,345
2029	70,799	9.0	6,372	32,196	11.2	7,929	40,238	9.8	6,938	35,513
2030	72,746	9.0	6,547	32,302	11.2	8,148	40,370	9.8	7,129	35,629
2031	74,747	9.0	6,727	32,356	11.2	8,372	40,437	9.8	7,325	35,688
2032	76,803	9.0	6,912	32,353	11.2	8,602	40,433	9.8	7,527	35,685
2033	78,915	9.0	7,102	32,287	11.2	8,838	40,351	9.8	7,734	35,613

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	
2024	\$ 61,818	11.7%	\$7,233	\$ 41,209	13.1%	\$8,098	\$ 46,577	13.6%	\$8,407	\$ 48,182
2025	63,518	11.7	7,432	41,604	13.1	8,321	47,024	13.6	8,638	48,644
2026	65,265	11.7	7,636	41,959	13.1	8,550	47,425	13.6	8,876	49,059
2027	67,060	11.7	7,846	42,268	13.1	8,785	47,774	13.6	9,120	49,420
2028	68,904	11.7	8,062	42,526	13.1	9,026	48,066	13.6	9,371	49,722
2029	70,799	11.7	8,283	42,728	13.1	9,275	48,295	13.6	9,629	49,958
2030	72,746	11.7	8,511	42,868	13.1	9,530	48,453	13.6	9,893	50,122
2031	74,747	11.7	8,745	42,939	13.1	9,792	48,534	13.6	10,166	50,206
2032	76,803	11.7	8,986	42,935	13.1	10,061	48,529	13.6	10,445	50,201
2033	78,915	11.7	9,233	42,848	13.1	10,338	48,430	13.6	10,732	50,099

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	
2024	\$ 61,818	15.2%	\$9,396	\$ 54,328	15.4%	\$9,520	\$ 55,148	17.3%	\$10,695	\$ 62,097
2025	63,518	15.2	9,655	54,849	15.4	9,782	55,677	17.3	10,989	62,693
2026	65,265	15.2	9,920	55,316	15.4	10,051	56,151	17.3	11,291	63,227
2027	67,060	15.2	10,193	55,723	15.4	10,327	56,565	17.3	11,601	63,693
2028	68,904	15.2	10,473	56,064	15.4	10,611	56,911	17.3	11,920	64,082
2029	70,799	15.2	10,761	56,331	15.4	10,903	57,182	17.3	12,248	64,387
2030	72,746	15.2	11,057	56,516	15.4	11,203	57,369	17.3	12,585	64,598
2031	74,747	15.2	11,362	56,610	15.4	11,511	57,465	17.3	12,931	64,706
2032	76,803	15.2	11,674	56,605	15.4	11,828	57,459	17.3	13,287	64,700
2033	78,915	15.2	11,995	56,490	15.4	12,153	57,342	17.3	13,652	64,569

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - General

## Employer Contribution Rates (2% Member Contribution Rate, 5 Year FAS) (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	
2024	\$ 61,818	7.1%	\$4,389	\$ 31,051	9.3%	\$5,749	\$ 38,808	7.9%	\$4,884	\$ 34,249
2025	63,518	7.1	4,510	31,349	9.3	5,907	39,180	7.9	5,018	34,578
2026	65,265	7.1	4,634	31,616	9.3	6,070	39,514	7.9	5,156	34,873
2027	67,060	7.1	4,761	31,849	9.3	6,237	39,805	7.9	5,298	35,130
2028	68,904	7.1	4,892	32,044	9.3	6,408	40,048	7.9	5,443	35,345
2029	70,799	7.1	5,027	32,196	9.3	6,584	40,238	7.9	5,593	35,513
2030	72,746	7.1	5,165	32,302	9.3	6,765	40,370	7.9	5,747	35,629
2031	74,747	7.1	5,307	32,356	9.3	6,951	40,437	7.9	5,905	35,688
2032	76,803	7.1	5,453	32,353	9.3	7,143	40,433	7.9	6,067	35,685
2033	78,915	7.1	5,603	32,287	9.3	7,339	40,351	7.9	6,234	35,613

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	
2024	\$ 61,818	9.8%	\$6,058	\$ 41,209	11.2%	\$6,924	\$ 46,577	11.7%	\$7,233	\$ 48,182
2025	63,518	9.8	6,225	41,604	11.2	7,114	47,024	11.7	7,432	48,644
2026	65,265	9.8	6,396	41,959	11.2	7,310	47,425	11.7	7,636	49,059
2027	67,060	9.8	6,572	42,268	11.2	7,511	47,774	11.7	7,846	49,420
2028	68,904	9.8	6,753	42,526	11.2	7,717	48,066	11.7	8,062	49,722
2029	70,799	9.8	6,938	42,728	11.2	7,929	48,295	11.7	8,283	49,958
2030	72,746	9.8	7,129	42,868	11.2	8,148	48,453	11.7	8,511	50,122
2031	74,747	9.8	7,325	42,939	11.2	8,372	48,534	11.7	8,745	50,206
2032	76,803	9.8	7,527	42,935	11.2	8,602	48,529	11.7	8,986	50,201
2033	78,915	9.8	7,734	42,848	11.2	8,838	48,430	11.7	9,233	50,099

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	
2024	\$ 61,818	13.3%	\$8,222	\$ 54,328	13.5%	\$8,345	\$ 55,148	15.4%	\$9,520	\$ 62,097
2025	63,518	13.3	8,448	54,849	13.5	8,575	55,677	15.4	9,782	62,693
2026	65,265	13.3	8,680	55,316	13.5	8,811	56,151	15.4	10,051	63,227
2027	67,060	13.3	8,919	55,723	13.5	9,053	56,565	15.4	10,327	63,693
2028	68,904	13.3	9,164	56,064	13.5	9,302	56,911	15.4	10,611	64,082
2029	70,799	13.3	9,416	56,331	13.5	9,558	57,182	15.4	10,903	64,387
2030	72,746	13.3	9,675	56,516	13.5	9,821	57,369	15.4	11,203	64,598
2031	74,747	13.3	9,941	56,610	13.5	10,091	57,465	15.4	11,511	64,706
2032	76,803	13.3	10,215	56,605	13.5	10,368	57,459	15.4	11,828	64,700
2033	78,915	13.3	10,496	56,490	13.5	10,654	57,342	15.4	12,153	64,569

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - General

## Employer Contribution Rates (4% Member Contribution Rate, 5 Year FAS) (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	
2024	\$ 61,818	5.2%	\$3,215	\$ 31,051	7.4%	\$4,575	\$ 38,808	6.0%	\$3,709	\$ 34,249
2025	63,518	5.2	3,303	31,349	7.4	4,700	39,180	6.0	3,811	34,578
2026	65,265	5.2	3,394	31,616	7.4	4,830	39,514	6.0	3,916	34,873
2027	67,060	5.2	3,487	31,849	7.4	4,962	39,805	6.0	4,024	35,130
2028	68,904	5.2	3,583	32,044	7.4	5,099	40,048	6.0	4,134	35,345
2029	70,799	5.2	3,682	32,196	7.4	5,239	40,238	6.0	4,248	35,513
2030	72,746	5.2	3,783	32,302	7.4	5,383	40,370	6.0	4,365	35,629
2031	74,747	5.2	3,887	32,356	7.4	5,531	40,437	6.0	4,485	35,688
2032	76,803	5.2	3,994	32,353	7.4	5,683	40,433	6.0	4,608	35,685
2033	78,915	5.2	4,104	32,287	7.4	5,840	40,351	6.0	4,735	35,613

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	
2024	\$ 61,818	7.9%	\$4,884	\$ 41,209	9.3%	\$5,749	\$ 46,577	9.8%	\$6,058	\$ 48,182
2025	63,518	7.9	5,018	41,604	9.3	5,907	47,024	9.8	6,225	48,644
2026	65,265	7.9	5,156	41,959	9.3	6,070	47,425	9.8	6,396	49,059
2027	67,060	7.9	5,298	42,268	9.3	6,237	47,774	9.8	6,572	49,420
2028	68,904	7.9	5,443	42,526	9.3	6,408	48,066	9.8	6,753	49,722
2029	70,799	7.9	5,593	42,728	9.3	6,584	48,295	9.8	6,938	49,958
2030	72,746	7.9	5,747	42,868	9.3	6,765	48,453	9.8	7,129	50,122
2031	74,747	7.9	5,905	42,939	9.3	6,951	48,534	9.8	7,325	50,206
2032	76,803	7.9	6,067	42,935	9.3	7,143	48,529	9.8	7,527	50,201
2033	78,915	7.9	6,234	42,848	9.3	7,339	48,430	9.8	7,734	50,099

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	
2024	\$ 61,818	11.4%	\$7,047	\$ 54,328	11.6%	\$7,171	\$ 55,148	13.5%	\$8,345	\$ 62,097
2025	63,518	11.4	7,241	54,849	11.6	7,368	55,677	13.5	8,575	62,693
2026	65,265	11.4	7,440	55,316	11.6	7,571	56,151	13.5	8,811	63,227
2027	67,060	11.4	7,645	55,723	11.6	7,779	56,565	13.5	9,053	63,693
2028	68,904	11.4	7,855	56,064	11.6	7,993	56,911	13.5	9,302	64,082
2029	70,799	11.4	8,071	56,331	11.6	8,213	57,182	13.5	9,558	64,387
2030	72,746	11.4	8,293	56,516	11.6	8,439	57,369	13.5	9,821	64,598
2031	74,747	11.4	8,521	56,610	11.6	8,671	57,465	13.5	10,091	64,706
2032	76,803	11.4	8,756	56,605	11.6	8,909	57,459	13.5	10,368	64,700
2033	78,915	11.4	8,996	56,490	11.6	9,154	57,342	13.5	10,654	64,569

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - General

## Employer Contribution Rates (6% Member Contribution Rate, 5 Year FAS) (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	
2024	\$ 61,818	3.3%	\$2,040	\$ 31,051	5.5%	\$3,400	\$ 38,808	4.1%	\$2,535	\$ 34,249
2025	63,518	3.3	2,096	31,349	5.5	3,493	39,180	4.1	2,604	34,578
2026	65,265	3.3	2,154	31,616	5.5	3,590	39,514	4.1	2,676	34,873
2027	67,060	3.3	2,213	31,849	5.5	3,688	39,805	4.1	2,749	35,130
2028	68,904	3.3	2,274	32,044	5.5	3,790	40,048	4.1	2,825	35,345
2029	70,799	3.3	2,336	32,196	5.5	3,894	40,238	4.1	2,903	35,513
2030	72,746	3.3	2,401	32,302	5.5	4,001	40,370	4.1	2,983	35,629
2031	74,747	3.3	2,467	32,356	5.5	4,111	40,437	4.1	3,065	35,688
2032	76,803	3.3	2,534	32,353	5.5	4,224	40,433	4.1	3,149	35,685
2033	78,915	3.3	2,604	32,287	5.5	4,340	40,351	4.1	3,236	35,613

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	
2024	\$ 61,818	6.0%	\$3,709	\$ 41,209	7.4%	\$4,575	\$ 46,577	7.9%	\$4,884	\$ 48,182
2025	63,518	6.0	3,811	41,604	7.4	4,700	47,024	7.9	5,018	48,644
2026	65,265	6.0	3,916	41,959	7.4	4,830	47,425	7.9	5,156	49,059
2027	67,060	6.0	4,024	42,268	7.4	4,962	47,774	7.9	5,298	49,420
2028	68,904	6.0	4,134	42,526	7.4	5,099	48,066	7.9	5,443	49,722
2029	70,799	6.0	4,248	42,728	7.4	5,239	48,295	7.9	5,593	49,958
2030	72,746	6.0	4,365	42,868	7.4	5,383	48,453	7.9	5,747	50,122
2031	74,747	6.0	4,485	42,939	7.4	5,531	48,534	7.9	5,905	50,206
2032	76,803	6.0	4,608	42,935	7.4	5,683	48,529	7.9	6,067	50,201
2033	78,915	6.0	4,735	42,848	7.4	5,840	48,430	7.9	6,234	50,099

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	
2024	\$ 61,818	9.5%	\$5,873	\$ 54,328	9.7%	\$5,996	\$ 55,148	11.6%	\$7,171	\$ 62,097
2025	63,518	9.5	6,034	54,849	9.7	6,161	55,677	11.6	7,368	62,693
2026	65,265	9.5	6,200	55,316	9.7	6,331	56,151	11.6	7,571	63,227
2027	67,060	9.5	6,371	55,723	9.7	6,505	56,565	11.6	7,779	63,693
2028	68,904	9.5	6,546	56,064	9.7	6,684	56,911	11.6	7,993	64,082
2029	70,799	9.5	6,726	56,331	9.7	6,868	57,182	11.6	8,213	64,387
2030	72,746	9.5	6,911	56,516	9.7	7,056	57,369	11.6	8,439	64,598
2031	74,747	9.5	7,101	56,610	9.7	7,250	57,465	11.6	8,671	64,706
2032	76,803	9.5	7,296	56,605	9.7	7,450	57,459	11.6	8,909	64,700
2033	78,915	9.5	7,497	56,490	9.7	7,655	57,342	11.6	9,154	64,569

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - General

## Employer Contribution Rates (0% Member Contribution Rate, 3 Year FAS)

### 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	
2024	\$ 61,818	9.3%	\$5,749	\$ 32,167	11.5%	\$7,109	\$ 40,232	10.2%	\$6,305	\$ 35,496
2025	63,518	9.3	5,907	32,476	11.5	7,305	40,618	10.2	6,479	35,837
2026	65,265	9.3	6,070	32,753	11.5	7,505	40,964	10.2	6,657	36,142
2027	67,060	9.3	6,237	32,994	11.5	7,712	41,266	10.2	6,840	36,408
2028	68,904	9.3	6,408	33,196	11.5	7,924	41,518	10.2	7,028	36,631
2029	70,799	9.3	6,584	33,354	11.5	8,142	41,715	10.2	7,221	36,805
2030	72,746	9.3	6,765	33,463	11.5	8,366	41,852	10.2	7,420	36,926
2031	74,747	9.3	6,951	33,519	11.5	8,596	41,922	10.2	7,624	36,988
2032	76,803	9.3	7,143	33,516	11.5	8,832	41,918	10.2	7,834	36,984
2033	78,915	9.3	7,339	33,448	11.5	9,075	41,833	10.2	8,049	36,909

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	
2024	\$ 61,818	12.1%	\$7,480	\$ 42,705	13.6%	\$8,407	\$ 48,254	13.9%	\$8,593	\$ 49,906
2025	63,518	12.1	7,686	43,115	13.6	8,638	48,717	13.9	8,829	50,385
2026	65,265	12.1	7,897	43,482	13.6	8,876	49,132	13.9	9,072	50,814
2027	67,060	12.1	8,114	43,802	13.6	9,120	49,494	13.9	9,321	51,188
2028	68,904	12.1	8,337	44,070	13.6	9,371	49,797	13.9	9,578	51,501
2029	70,799	12.1	8,567	44,280	13.6	9,629	50,034	13.9	9,841	51,746
2030	72,746	12.1	8,802	44,425	13.6	9,893	50,198	13.9	10,112	51,916
2031	74,747	12.1	9,044	44,499	13.6	10,166	50,282	13.9	10,390	52,002
2032	76,803	12.1	9,293	44,495	13.6	10,445	50,277	13.9	10,676	51,997
2033	78,915	12.1	9,549	44,405	13.6	10,732	50,175	13.9	10,969	51,891

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	
2024	\$ 61,818	15.7%	\$9,705	\$ 56,309	15.9%	\$9,829	\$ 57,128	17.9%	\$11,065	\$ 64,359
2025	63,518	15.7	9,972	56,849	15.9	10,099	57,676	17.9	11,370	64,976
2026	65,265	15.7	10,247	57,333	15.9	10,377	58,167	17.9	11,682	65,530
2027	67,060	15.7	10,528	57,755	15.9	10,663	58,595	17.9	12,004	66,013
2028	68,904	15.7	10,818	58,108	15.9	10,956	58,953	17.9	12,334	66,416
2029	70,799	15.7	11,115	58,384	15.9	11,257	59,233	17.9	12,673	66,732
2030	72,746	15.7	11,421	58,575	15.9	11,567	59,427	17.9	13,022	66,951
2031	74,747	15.7	11,735	58,673	15.9	11,885	59,526	17.9	13,380	67,063
2032	76,803	15.7	12,058	58,667	15.9	12,212	59,520	17.9	13,748	67,057
2033	78,915	15.7	12,390	58,548	15.9	12,547	59,399	17.9	14,126	66,921

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - General

## Employer Contribution Rates (2% Member Contribution Rate, 3 Year FAS) (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	
2024	\$ 61,818	7.4%	\$4,575	\$ 32,167	9.6%	\$5,935	\$ 40,232	8.3%	\$5,131	\$ 35,496
2025	63,518	7.4	4,700	32,476	9.6	6,098	40,618	8.3	5,272	35,837
2026	65,265	7.4	4,830	32,753	9.6	6,265	40,964	8.3	5,417	36,142
2027	67,060	7.4	4,962	32,994	9.6	6,438	41,266	8.3	5,566	36,408
2028	68,904	7.4	5,099	33,196	9.6	6,615	41,518	8.3	5,719	36,631
2029	70,799	7.4	5,239	33,354	9.6	6,797	41,715	8.3	5,876	36,805
2030	72,746	7.4	5,383	33,463	9.6	6,984	41,852	8.3	6,038	36,926
2031	74,747	7.4	5,531	33,519	9.6	7,176	41,922	8.3	6,204	36,988
2032	76,803	7.4	5,683	33,516	9.6	7,373	41,918	8.3	6,375	36,984
2033	78,915	7.4	5,840	33,448	9.6	7,576	41,833	8.3	6,550	36,909

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	
2024	\$ 61,818	10.2%	\$6,305	\$ 42,705	11.7%	\$7,233	\$ 48,254	12.0%	\$7,418	\$ 49,906
2025	63,518	10.2	6,479	43,115	11.7	7,432	48,717	12.0	7,622	50,385
2026	65,265	10.2	6,657	43,482	11.7	7,636	49,132	12.0	7,832	50,814
2027	67,060	10.2	6,840	43,802	11.7	7,846	49,494	12.0	8,047	51,188
2028	68,904	10.2	7,028	44,070	11.7	8,062	49,797	12.0	8,268	51,501
2029	70,799	10.2	7,221	44,280	11.7	8,283	50,034	12.0	8,496	51,746
2030	72,746	10.2	7,420	44,425	11.7	8,511	50,198	12.0	8,730	51,916
2031	74,747	10.2	7,624	44,499	11.7	8,745	50,282	12.0	8,970	52,002
2032	76,803	10.2	7,834	44,495	11.7	8,986	50,277	12.0	9,216	51,997
2033	78,915	10.2	8,049	44,405	11.7	9,233	50,175	12.0	9,470	51,891

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	
2024	\$ 61,818	13.8%	\$8,531	\$ 56,309	14.0%	\$8,655	\$ 57,128	16.0%	\$9,891	\$ 64,359
2025	63,518	13.8	8,765	56,849	14.0	8,893	57,676	16.0	10,163	64,976
2026	65,265	13.8	9,007	57,333	14.0	9,137	58,167	16.0	10,442	65,530
2027	67,060	13.8	9,254	57,755	14.0	9,388	58,595	16.0	10,730	66,013
2028	68,904	13.8	9,509	58,108	14.0	9,647	58,953	16.0	11,025	66,416
2029	70,799	13.8	9,770	58,384	14.0	9,912	59,233	16.0	11,328	66,732
2030	72,746	13.8	10,039	58,575	14.0	10,184	59,427	16.0	11,639	66,951
2031	74,747	13.8	10,315	58,673	14.0	10,465	59,526	16.0	11,960	67,063
2032	76,803	13.8	10,599	58,667	14.0	10,752	59,520	16.0	12,288	67,057
2033	78,915	13.8	10,890	58,548	14.0	11,048	59,399	16.0	12,626	66,921

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.





# Spanish Lake Fire Protection District - General

## Employer Contribution Rates (4% Member Contribution Rate, 3 Year FAS) (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	
2024	\$ 61,818	5.5%	\$3,400	\$ 32,167	7.7%	\$4,760	\$ 40,232	6.4%	\$3,956	\$ 35,496
2025	63,518	5.5	3,493	32,476	7.7	4,891	40,618	6.4	4,065	35,837
2026	65,265	5.5	3,590	32,753	7.7	5,025	40,964	6.4	4,177	36,142
2027	67,060	5.5	3,688	32,994	7.7	5,164	41,266	6.4	4,292	36,408
2028	68,904	5.5	3,790	33,196	7.7	5,306	41,518	6.4	4,410	36,631
2029	70,799	5.5	3,894	33,354	7.7	5,452	41,715	6.4	4,531	36,805
2030	72,746	5.5	4,001	33,463	7.7	5,601	41,852	6.4	4,656	36,926
2031	74,747	5.5	4,111	33,519	7.7	5,756	41,922	6.4	4,784	36,988
2032	76,803	5.5	4,224	33,516	7.7	5,914	41,918	6.4	4,915	36,984
2033	78,915	5.5	4,340	33,448	7.7	6,076	41,833	6.4	5,051	36,909

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	
2024	\$ 61,818	8.3%	\$5,131	\$ 42,705	9.8%	\$6,058	\$ 48,254	10.1%	\$6,244	\$ 49,906
2025	63,518	8.3	5,272	43,115	9.8	6,225	48,717	10.1	6,415	50,385
2026	65,265	8.3	5,417	43,482	9.8	6,396	49,132	10.1	6,592	50,814
2027	67,060	8.3	5,566	43,802	9.8	6,572	49,494	10.1	6,773	51,188
2028	68,904	8.3	5,719	44,070	9.8	6,753	49,797	10.1	6,959	51,501
2029	70,799	8.3	5,876	44,280	9.8	6,938	50,034	10.1	7,151	51,746
2030	72,746	8.3	6,038	44,425	9.8	7,129	50,198	10.1	7,347	51,916
2031	74,747	8.3	6,204	44,499	9.8	7,325	50,282	10.1	7,549	52,002
2032	76,803	8.3	6,375	44,495	9.8	7,527	50,277	10.1	7,757	51,997
2033	78,915	8.3	6,550	44,405	9.8	7,734	50,175	10.1	7,970	51,891

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	
2024	\$ 61,818	11.9%	\$7,356	\$ 56,309	12.1%	\$7,480	\$ 57,128	14.1%	\$8,716	\$ 64,359
2025	63,518	11.9	7,559	56,849	12.1	7,686	57,676	14.1	8,956	64,976
2026	65,265	11.9	7,767	57,333	12.1	7,897	58,167	14.1	9,202	65,530
2027	67,060	11.9	7,980	57,755	12.1	8,114	58,595	14.1	9,455	66,013
2028	68,904	11.9	8,200	58,108	12.1	8,337	58,953	14.1	9,715	66,416
2029	70,799	11.9	8,425	58,384	12.1	8,567	59,233	14.1	9,983	66,732
2030	72,746	11.9	8,657	58,575	12.1	8,802	59,427	14.1	10,257	66,951
2031	74,747	11.9	8,895	58,673	12.1	9,044	59,526	14.1	10,539	67,063
2032	76,803	11.9	9,140	58,667	12.1	9,293	59,520	14.1	10,829	67,057
2033	78,915	11.9	9,391	58,548	12.1	9,549	59,399	14.1	11,127	66,921

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - General

## Employer Contribution Rates (6% Member Contribution Rate, 3 Year FAS) (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	
2024	\$ 61,818	3.6%	\$2,225	\$ 32,167	5.8%	\$3,585	\$ 40,232	4.5%	\$2,782	\$ 35,496
2025	63,518	3.6	2,287	32,476	5.8	3,684	40,618	4.5	2,858	35,837
2026	65,265	3.6	2,350	32,753	5.8	3,785	40,964	4.5	2,937	36,142
2027	67,060	3.6	2,414	32,994	5.8	3,889	41,266	4.5	3,018	36,408
2028	68,904	3.6	2,481	33,196	5.8	3,996	41,518	4.5	3,101	36,631
2029	70,799	3.6	2,549	33,354	5.8	4,106	41,715	4.5	3,186	36,805
2030	72,746	3.6	2,619	33,463	5.8	4,219	41,852	4.5	3,274	36,926
2031	74,747	3.6	2,691	33,519	5.8	4,335	41,922	4.5	3,364	36,988
2032	76,803	3.6	2,765	33,516	5.8	4,455	41,918	4.5	3,456	36,984
2033	78,915	3.6	2,841	33,448	5.8	4,577	41,833	4.5	3,551	36,909

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	
2024	\$ 61,818	6.4%	\$3,956	\$ 42,705	7.9%	\$4,884	\$ 48,254	8.2%	\$5,069	\$ 49,906
2025	63,518	6.4	4,065	43,115	7.9	5,018	48,717	8.2	5,208	50,385
2026	65,265	6.4	4,177	43,482	7.9	5,156	49,132	8.2	5,352	50,814
2027	67,060	6.4	4,292	43,802	7.9	5,298	49,494	8.2	5,499	51,188
2028	68,904	6.4	4,410	44,070	7.9	5,443	49,797	8.2	5,650	51,501
2029	70,799	6.4	4,531	44,280	7.9	5,593	50,034	8.2	5,806	51,746
2030	72,746	6.4	4,656	44,425	7.9	5,747	50,198	8.2	5,965	51,916
2031	74,747	6.4	4,784	44,499	7.9	5,905	50,282	8.2	6,129	52,002
2032	76,803	6.4	4,915	44,495	7.9	6,067	50,277	8.2	6,298	51,997
2033	78,915	6.4	5,051	44,405	7.9	6,234	50,175	8.2	6,471	51,891

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	
2024	\$ 61,818	10.0%	\$6,182	\$ 56,309	10.2%	\$6,305	\$ 57,128	12.2%	\$7,542	\$ 64,359
2025	63,518	10.0	6,352	56,849	10.2	6,479	57,676	12.2	7,749	64,976
2026	65,265	10.0	6,527	57,333	10.2	6,657	58,167	12.2	7,962	65,530
2027	67,060	10.0	6,706	57,755	10.2	6,840	58,595	12.2	8,181	66,013
2028	68,904	10.0	6,890	58,108	10.2	7,028	58,953	12.2	8,406	66,416
2029	70,799	10.0	7,080	58,384	10.2	7,221	59,233	12.2	8,637	66,732
2030	72,746	10.0	7,275	58,575	10.2	7,420	59,427	12.2	8,875	66,951
2031	74,747	10.0	7,475	58,673	10.2	7,624	59,526	12.2	9,119	67,063
2032	76,803	10.0	7,680	58,667	10.2	7,834	59,520	12.2	9,370	67,057
2033	78,915	10.0	7,892	58,548	10.2	8,049	59,399	12.2	9,628	66,921

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - General

## Employer Contribution Rates (0% Member Contribution Rate, 5 Year FAS)

### 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 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	
2024	\$ 61,818	9.9%	\$6,120	\$ 34,567	12.2%	\$7,542	\$ 43,215	11.8%	\$7,295	\$ 42,365
2025	63,518	9.9	6,288	34,899	12.2	7,749	43,630	11.8	7,495	42,771
2026	65,265	9.9	6,461	35,196	12.2	7,962	44,002	11.8	7,701	43,135
2027	67,060	9.9	6,639	35,455	12.2	8,181	44,326	11.8	7,913	43,453
2028	68,904	9.9	6,821	35,672	12.2	8,406	44,597	11.8	8,131	43,719
2029	70,799	9.9	7,009	35,842	12.2	8,637	44,809	11.8	8,354	43,927
2030	72,746	9.9	7,202	35,959	12.2	8,875	44,956	11.8	8,584	44,071
2031	74,747	9.9	7,400	36,019	12.2	9,119	45,031	11.8	8,820	44,144
2032	76,803	9.9	7,603	36,016	12.2	9,370	45,027	11.8	9,063	44,140
2033	78,915	9.9	7,813	35,943	12.2	9,628	44,936	11.8	9,312	44,050

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	
2024	\$ 61,818	13.6%	\$8,407	\$ 49,063	14.4%	\$8,902	\$ 51,861	15.4%	\$9,520	\$ 55,759
2025	63,518	13.6	8,638	49,534	14.4	9,147	52,358	15.4	9,782	56,294
2026	65,265	13.6	8,876	49,956	14.4	9,398	52,804	15.4	10,051	56,774
2027	67,060	13.6	9,120	50,324	14.4	9,657	53,193	15.4	10,327	57,192
2028	68,904	13.6	9,371	50,632	14.4	9,922	53,518	15.4	10,611	57,542
2029	70,799	13.6	9,629	50,873	14.4	10,195	53,772	15.4	10,903	57,816
2030	72,746	13.6	9,893	51,040	14.4	10,475	53,948	15.4	11,203	58,005
2031	74,747	13.6	10,166	51,125	14.4	10,764	54,038	15.4	11,511	58,102
2032	76,803	13.6	10,445	51,120	14.4	11,060	54,033	15.4	11,828	58,096
2033	78,915	13.6	10,732	51,016	14.4	11,364	53,923	15.4	12,153	57,978

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	
2024	\$ 61,818	16.7%	\$10,324	\$ 60,498	17.2%	\$10,633	\$ 62,448	19.0%	\$11,745	\$ 69,152
2025	63,518	16.7	10,608	61,078	17.2	10,925	63,047	19.0	12,068	69,815
2026	65,265	16.7	10,899	61,598	17.2	11,226	63,584	19.0	12,400	70,410
2027	67,060	16.7	11,199	62,052	17.2	11,534	64,052	19.0	12,741	70,929
2028	68,904	16.7	11,507	62,431	17.2	11,851	64,444	19.0	13,092	71,363
2029	70,799	16.7	11,823	62,728	17.2	12,177	64,750	19.0	13,452	71,702
2030	72,746	16.7	12,149	62,934	17.2	12,512	64,962	19.0	13,822	71,937
2031	74,747	16.7	12,483	63,039	17.2	12,856	65,070	19.0	14,202	72,057
2032	76,803	16.7	12,826	63,033	17.2	13,210	65,064	19.0	14,593	72,050
2033	78,915	16.7	13,179	62,905	17.2	13,573	64,932	19.0	14,994	71,904

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - General

## Employer Contribution Rates (2% Member Contribution Rate, 5 Year FAS) (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 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	
2024	\$ 61,818	8.0%	\$4,945	\$ 34,567	10.3%	\$6,367	\$ 43,215	9.9%	\$6,120	\$ 42,365
2025	63,518	8.0	5,081	34,899	10.3	6,542	43,630	9.9	6,288	42,771
2026	65,265	8.0	5,221	35,196	10.3	6,722	44,002	9.9	6,461	43,135
2027	67,060	8.0	5,365	35,455	10.3	6,907	44,326	9.9	6,639	43,453
2028	68,904	8.0	5,512	35,672	10.3	7,097	44,597	9.9	6,821	43,719
2029	70,799	8.0	5,664	35,842	10.3	7,292	44,809	9.9	7,009	43,927
2030	72,746	8.0	5,820	35,959	10.3	7,493	44,956	9.9	7,202	44,071
2031	74,747	8.0	5,980	36,019	10.3	7,699	45,031	9.9	7,400	44,144
2032	76,803	8.0	6,144	36,016	10.3	7,911	45,027	9.9	7,603	44,140
2033	78,915	8.0	6,313	35,943	10.3	8,128	44,936	9.9	7,813	44,050

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	
2024	\$ 61,818	11.7%	\$7,233	\$ 49,063	12.5%	\$7,727	\$ 51,861	13.5%	\$8,345	\$ 55,759
2025	63,518	11.7	7,432	49,534	12.5	7,940	52,358	13.5	8,575	56,294
2026	65,265	11.7	7,636	49,956	12.5	8,158	52,804	13.5	8,811	56,774
2027	67,060	11.7	7,846	50,324	12.5	8,383	53,193	13.5	9,053	57,192
2028	68,904	11.7	8,062	50,632	12.5	8,613	53,518	13.5	9,302	57,542
2029	70,799	11.7	8,283	50,873	12.5	8,850	53,772	13.5	9,558	57,816
2030	72,746	11.7	8,511	51,040	12.5	9,093	53,948	13.5	9,821	58,005
2031	74,747	11.7	8,745	51,125	12.5	9,343	54,038	13.5	10,091	58,102
2032	76,803	11.7	8,986	51,120	12.5	9,600	54,033	13.5	10,368	58,096
2033	78,915	11.7	9,233	51,016	12.5	9,864	53,923	13.5	10,654	57,978

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	
2024	\$ 61,818	14.8%	\$9,149	\$ 60,498	15.3%	\$9,458	\$ 62,448	17.1%	\$10,571	\$ 69,152
2025	63,518	14.8	9,401	61,078	15.3	9,718	63,047	17.1	10,862	69,815
2026	65,265	14.8	9,659	61,598	15.3	9,986	63,584	17.1	11,160	70,410
2027	67,060	14.8	9,925	62,052	15.3	10,260	64,052	17.1	11,467	70,929
2028	68,904	14.8	10,198	62,431	15.3	10,542	64,444	17.1	11,783	71,363
2029	70,799	14.8	10,478	62,728	15.3	10,832	64,750	17.1	12,107	71,702
2030	72,746	14.8	10,766	62,934	15.3	11,130	64,962	17.1	12,440	71,937
2031	74,747	14.8	11,063	63,039	15.3	11,436	65,070	17.1	12,782	72,057
2032	76,803	14.8	11,367	63,033	15.3	11,751	65,064	17.1	13,133	72,050
2033	78,915	14.8	11,679	62,905	15.3	12,074	64,932	17.1	13,494	71,904

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - General

## Employer Contribution Rates (4% Member Contribution Rate, 5 Year FAS) (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 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	
2024	\$ 61,818	6.1%	\$3,771	\$ 34,567	8.4%	\$5,193	\$ 43,215	8.0%	\$4,945	\$ 42,365
2025	63,518	6.1	3,875	34,899	8.4	5,336	43,630	8.0	5,081	42,771
2026	65,265	6.1	3,981	35,196	8.4	5,482	44,002	8.0	5,221	43,135
2027	67,060	6.1	4,091	35,455	8.4	5,633	44,326	8.0	5,365	43,453
2028	68,904	6.1	4,203	35,672	8.4	5,788	44,597	8.0	5,512	43,719
2029	70,799	6.1	4,319	35,842	8.4	5,947	44,809	8.0	5,664	43,927
2030	72,746	6.1	4,438	35,959	8.4	6,111	44,956	8.0	5,820	44,071
2031	74,747	6.1	4,560	36,019	8.4	6,279	45,031	8.0	5,980	44,144
2032	76,803	6.1	4,685	36,016	8.4	6,451	45,027	8.0	6,144	44,140
2033	78,915	6.1	4,814	35,943	8.4	6,629	44,936	8.0	6,313	44,050

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	
2024	\$ 61,818	9.8%	\$6,058	\$ 49,063	10.6%	\$6,553	\$ 51,861	11.6%	\$7,171	\$ 55,759
2025	63,518	9.8	6,225	49,534	10.6	6,733	52,358	11.6	7,368	56,294
2026	65,265	9.8	6,396	49,956	10.6	6,918	52,804	11.6	7,571	56,774
2027	67,060	9.8	6,572	50,324	10.6	7,108	53,193	11.6	7,779	57,192
2028	68,904	9.8	6,753	50,632	10.6	7,304	53,518	11.6	7,993	57,542
2029	70,799	9.8	6,938	50,873	10.6	7,505	53,772	11.6	8,213	57,816
2030	72,746	9.8	7,129	51,040	10.6	7,711	53,948	11.6	8,439	58,005
2031	74,747	9.8	7,325	51,125	10.6	7,923	54,038	11.6	8,671	58,102
2032	76,803	9.8	7,527	51,120	10.6	8,141	54,033	11.6	8,909	58,096
2033	78,915	9.8	7,734	51,016	10.6	8,365	53,923	11.6	9,154	57,978

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	
2024	\$ 61,818	12.9%	\$7,975	\$ 60,498	13.4%	\$8,284	\$ 62,448	15.2%	\$9,396	\$ 69,152
2025	63,518	12.9	8,194	61,078	13.4	8,511	63,047	15.2	9,655	69,815
2026	65,265	12.9	8,419	61,598	13.4	8,746	63,584	15.2	9,920	70,410
2027	67,060	12.9	8,651	62,052	13.4	8,986	64,052	15.2	10,193	70,929
2028	68,904	12.9	8,889	62,431	13.4	9,233	64,444	15.2	10,473	71,363
2029	70,799	12.9	9,133	62,728	13.4	9,487	64,750	15.2	10,761	71,702
2030	72,746	12.9	9,384	62,934	13.4	9,748	64,962	15.2	11,057	71,937
2031	74,747	12.9	9,642	63,039	13.4	10,016	65,070	15.2	11,362	72,057
2032	76,803	12.9	9,908	63,033	13.4	10,292	65,064	15.2	11,674	72,050
2033	78,915	12.9	10,180	62,905	13.4	10,575	64,932	15.2	11,995	71,904

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - General

## Employer Contribution Rates (6% Member Contribution Rate, 5 Year FAS) (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 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	
2024	\$ 61,818	4.2%	\$2,596	\$ 34,567	6.5%	\$4,018	\$ 43,215	6.1%	\$3,771	\$ 42,365
2025	63,518	4.2	2,668	34,899	6.5	4,129	43,630	6.1	3,875	42,771
2026	65,265	4.2	2,741	35,196	6.5	4,242	44,002	6.1	3,981	43,135
2027	67,060	4.2	2,817	35,455	6.5	4,359	44,326	6.1	4,091	43,453
2028	68,904	4.2	2,894	35,672	6.5	4,479	44,597	6.1	4,203	43,719
2029	70,799	4.2	2,974	35,842	6.5	4,602	44,809	6.1	4,319	43,927
2030	72,746	4.2	3,055	35,959	6.5	4,728	44,956	6.1	4,438	44,071
2031	74,747	4.2	3,139	36,019	6.5	4,859	45,031	6.1	4,560	44,144
2032	76,803	4.2	3,226	36,016	6.5	4,992	45,027	6.1	4,685	44,140
2033	78,915	4.2	3,314	35,943	6.5	5,129	44,936	6.1	4,814	44,050

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	
2024	\$ 61,818	7.9%	\$4,884	\$ 49,063	8.7%	\$5,378	\$ 51,861	9.7%	\$5,996	\$ 55,759
2025	63,518	7.9	5,018	49,534	8.7	5,526	52,358	9.7	6,161	56,294
2026	65,265	7.9	5,156	49,956	8.7	5,678	52,804	9.7	6,331	56,774
2027	67,060	7.9	5,298	50,324	8.7	5,834	53,193	9.7	6,505	57,192
2028	68,904	7.9	5,443	50,632	8.7	5,995	53,518	9.7	6,684	57,542
2029	70,799	7.9	5,593	50,873	8.7	6,160	53,772	9.7	6,868	57,816
2030	72,746	7.9	5,747	51,040	8.7	6,329	53,948	9.7	7,056	58,005
2031	74,747	7.9	5,905	51,125	8.7	6,503	54,038	9.7	7,250	58,102
2032	76,803	7.9	6,067	51,120	8.7	6,682	54,033	9.7	7,450	58,096
2033	78,915	7.9	6,234	51,016	8.7	6,866	53,923	9.7	7,655	57,978

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	
2024	\$ 61,818	11.0%	\$6,800	\$ 60,498	11.5%	\$7,109	\$ 62,448	13.3%	\$8,222	\$ 69,152
2025	63,518	11.0	6,987	61,078	11.5	7,305	63,047	13.3	8,448	69,815
2026	65,265	11.0	7,179	61,598	11.5	7,505	63,584	13.3	8,680	70,410
2027	67,060	11.0	7,377	62,052	11.5	7,712	64,052	13.3	8,919	70,929
2028	68,904	11.0	7,579	62,431	11.5	7,924	64,444	13.3	9,164	71,363
2029	70,799	11.0	7,788	62,728	11.5	8,142	64,750	13.3	9,416	71,702
2030	72,746	11.0	8,002	62,934	11.5	8,366	64,962	13.3	9,675	71,937
2031	74,747	11.0	8,222	63,039	11.5	8,596	65,070	13.3	9,941	72,057
2032	76,803	11.0	8,448	63,033	11.5	8,832	65,064	13.3	10,215	72,050
2033	78,915	11.0	8,681	62,905	11.5	9,075	64,932	13.3	10,496	71,904

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - General

## Employer Contribution Rates (0% Member Contribution Rate, 3 Year FAS)

### 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 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	
2024	\$ 61,818	10.3%	\$6,367	\$ 35,857	12.6%	\$7,789	\$ 44,827	12.3%	\$7,604	\$ 43,942
2025	63,518	10.3	6,542	36,201	12.6	8,003	45,257	12.3	7,813	44,364
2026	65,265	10.3	6,722	36,509	12.6	8,223	45,643	12.3	8,028	44,742
2027	67,060	10.3	6,907	36,778	12.6	8,450	45,979	12.3	8,248	45,071
2028	68,904	10.3	7,097	37,003	12.6	8,682	46,260	12.3	8,475	45,346
2029	70,799	10.3	7,292	37,179	12.6	8,921	46,480	12.3	8,708	45,562
2030	72,746	10.3	7,493	37,301	12.6	9,166	46,632	12.3	8,948	45,711
2031	74,747	10.3	7,699	37,363	12.6	9,418	46,710	12.3	9,194	45,787
2032	76,803	10.3	7,911	37,359	12.6	9,677	46,706	12.3	9,447	45,783
2033	78,915	10.3	8,128	37,283	12.6	9,943	46,611	12.3	9,707	45,690

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	
2024	\$ 61,818	14.1%	\$8,716	\$ 50,885	14.9%	\$9,211	\$ 53,795	15.9%	\$9,829	\$ 57,827
2025	63,518	14.1	8,956	51,373	14.9	9,464	54,311	15.9	10,099	58,382
2026	65,265	14.1	9,202	51,811	14.9	9,724	54,774	15.9	10,377	58,879
2027	67,060	14.1	9,455	52,193	14.9	9,992	55,177	15.9	10,663	59,313
2028	68,904	14.1	9,715	52,512	14.9	10,267	55,514	15.9	10,956	59,676
2029	70,799	14.1	9,983	52,762	14.9	10,549	55,778	15.9	11,257	59,960
2030	72,746	14.1	10,257	52,935	14.9	10,839	55,961	15.9	11,567	60,156
2031	74,747	14.1	10,539	53,023	14.9	11,137	56,054	15.9	11,885	60,256
2032	76,803	14.1	10,829	53,018	14.9	11,444	56,049	15.9	12,212	60,250
2033	78,915	14.1	11,127	52,910	14.9	11,758	55,935	15.9	12,547	60,128

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	
2024	\$ 61,818	17.3%	\$10,695	\$ 62,756	17.8%	\$11,004	\$ 64,782	19.7%	\$12,178	\$ 71,725
2025	63,518	17.3	10,989	63,358	17.8	11,306	65,403	19.7	12,513	72,413
2026	65,265	17.3	11,291	63,898	17.8	11,617	65,960	19.7	12,857	73,030
2027	67,060	17.3	11,601	64,369	17.8	11,937	66,446	19.7	13,211	73,568
2028	68,904	17.3	11,920	64,762	17.8	12,265	66,852	19.7	13,574	74,018
2029	70,799	17.3	12,248	65,070	17.8	12,602	67,170	19.7	13,947	74,370
2030	72,746	17.3	12,585	65,283	17.8	12,949	67,390	19.7	14,331	74,614
2031	74,747	17.3	12,931	65,392	17.8	13,305	67,502	19.7	14,725	74,738
2032	76,803	17.3	13,287	65,386	17.8	13,671	67,496	19.7	15,130	74,731
2033	78,915	17.3	13,652	65,253	17.8	14,047	67,359	19.7	15,546	74,579

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.





# Spanish Lake Fire Protection District - General

## Employer Contribution Rates (2% Member Contribution Rate, 3 Year FAS) (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 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	
2024	\$ 61,818	8.4%	\$5,193	\$ 35,857	10.7%	\$6,615	\$ 44,827	10.4%	\$6,429	\$ 43,942
2025	63,518	8.4	5,336	36,201	10.7	6,796	45,257	10.4	6,606	44,364
2026	65,265	8.4	5,482	36,509	10.7	6,983	45,643	10.4	6,788	44,742
2027	67,060	8.4	5,633	36,778	10.7	7,175	45,979	10.4	6,974	45,071
2028	68,904	8.4	5,788	37,003	10.7	7,373	46,260	10.4	7,166	45,346
2029	70,799	8.4	5,947	37,179	10.7	7,575	46,480	10.4	7,363	45,562
2030	72,746	8.4	6,111	37,301	10.7	7,784	46,632	10.4	7,566	45,711
2031	74,747	8.4	6,279	37,363	10.7	7,998	46,710	10.4	7,774	45,787
2032	76,803	8.4	6,451	37,359	10.7	8,218	46,706	10.4	7,988	45,783
2033	78,915	8.4	6,629	37,283	10.7	8,444	46,611	10.4	8,207	45,690

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	
2024	\$ 61,818	12.2%	\$7,542	\$ 50,885	13.0%	\$8,036	\$ 53,795	14.0%	\$8,655	\$ 57,827
2025	63,518	12.2	7,749	51,373	13.0	8,257	54,311	14.0	8,893	58,382
2026	65,265	12.2	7,962	51,811	13.0	8,484	54,774	14.0	9,137	58,879
2027	67,060	12.2	8,181	52,193	13.0	8,718	55,177	14.0	9,388	59,313
2028	68,904	12.2	8,406	52,512	13.0	8,958	55,514	14.0	9,647	59,676
2029	70,799	12.2	8,637	52,762	13.0	9,204	55,778	14.0	9,912	59,960
2030	72,746	12.2	8,875	52,935	13.0	9,457	55,961	14.0	10,184	60,156
2031	74,747	12.2	9,119	53,023	13.0	9,717	56,054	14.0	10,465	60,256
2032	76,803	12.2	9,370	53,018	13.0	9,984	56,049	14.0	10,752	60,250
2033	78,915	12.2	9,628	52,910	13.0	10,259	55,935	14.0	11,048	60,128

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	
2024	\$ 61,818	15.4%	\$9,520	\$ 62,756	15.9%	\$9,829	\$ 64,782	17.8%	\$11,004	\$ 71,725
2025	63,518	15.4	9,782	63,358	15.9	10,099	65,403	17.8	11,306	72,413
2026	65,265	15.4	10,051	63,898	15.9	10,377	65,960	17.8	11,617	73,030
2027	67,060	15.4	10,327	64,369	15.9	10,663	66,446	17.8	11,937	73,568
2028	68,904	15.4	10,611	64,762	15.9	10,956	66,852	17.8	12,265	74,018
2029	70,799	15.4	10,903	65,070	15.9	11,257	67,170	17.8	12,602	74,370
2030	72,746	15.4	11,203	65,283	15.9	11,567	67,390	17.8	12,949	74,614
2031	74,747	15.4	11,511	65,392	15.9	11,885	67,502	17.8	13,305	74,738
2032	76,803	15.4	11,828	65,386	15.9	12,212	67,496	17.8	13,671	74,731
2033	78,915	15.4	12,153	65,253	15.9	12,547	67,359	17.8	14,047	74,579

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.





# Spanish Lake Fire Protection District - General

## Employer Contribution Rates (4% Member Contribution Rate, 3 Year FAS) (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 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	
2024	\$ 61,818	6.5%	\$4,018	\$ 35,857	8.8%	\$5,440	\$ 44,827	8.5%	\$5,255	\$ 43,942
2025	63,518	6.5	4,129	36,201	8.8	5,590	45,257	8.5	5,399	44,364
2026	65,265	6.5	4,242	36,509	8.8	5,743	45,643	8.5	5,548	44,742
2027	67,060	6.5	4,359	36,778	8.8	5,901	45,979	8.5	5,700	45,071
2028	68,904	6.5	4,479	37,003	8.8	6,064	46,260	8.5	5,857	45,346
2029	70,799	6.5	4,602	37,179	8.8	6,230	46,480	8.5	6,018	45,562
2030	72,746	6.5	4,728	37,301	8.8	6,402	46,632	8.5	6,183	45,711
2031	74,747	6.5	4,859	37,363	8.8	6,578	46,710	8.5	6,353	45,787
2032	76,803	6.5	4,992	37,359	8.8	6,759	46,706	8.5	6,528	45,783
2033	78,915	6.5	5,129	37,283	8.8	6,945	46,611	8.5	6,708	45,690

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	
2024	\$ 61,818	10.3%	\$6,367	\$ 50,885	11.1%	\$6,862	\$ 53,795	12.1%	\$7,480	\$ 57,827
2025	63,518	10.3	6,542	51,373	11.1	7,050	54,311	12.1	7,686	58,382
2026	65,265	10.3	6,722	51,811	11.1	7,244	54,774	12.1	7,897	58,879
2027	67,060	10.3	6,907	52,193	11.1	7,444	55,177	12.1	8,114	59,313
2028	68,904	10.3	7,097	52,512	11.1	7,648	55,514	12.1	8,337	59,676
2029	70,799	10.3	7,292	52,762	11.1	7,859	55,778	12.1	8,567	59,960
2030	72,746	10.3	7,493	52,935	11.1	8,075	55,961	12.1	8,802	60,156
2031	74,747	10.3	7,699	53,023	11.1	8,297	56,054	12.1	9,044	60,256
2032	76,803	10.3	7,911	53,018	11.1	8,525	56,049	12.1	9,293	60,250
2033	78,915	10.3	8,128	52,910	11.1	8,760	55,935	12.1	9,549	60,128

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	
2024	\$ 61,818	13.5%	\$8,345	\$ 62,756	14.0%	\$8,655	\$ 64,782	15.9%	\$9,829	\$ 71,725
2025	63,518	13.5	8,575	63,358	14.0	8,893	65,403	15.9	10,099	72,413
2026	65,265	13.5	8,811	63,898	14.0	9,137	65,960	15.9	10,377	73,030
2027	67,060	13.5	9,053	64,369	14.0	9,388	66,446	15.9	10,663	73,568
2028	68,904	13.5	9,302	64,762	14.0	9,647	66,852	15.9	10,956	74,018
2029	70,799	13.5	9,558	65,070	14.0	9,912	67,170	15.9	11,257	74,370
2030	72,746	13.5	9,821	65,283	14.0	10,184	67,390	15.9	11,567	74,614
2031	74,747	13.5	10,091	65,392	14.0	10,465	67,502	15.9	11,885	74,738
2032	76,803	13.5	10,368	65,386	14.0	10,752	67,496	15.9	12,212	74,731
2033	78,915	13.5	10,654	65,253	14.0	11,048	67,359	15.9	12,547	74,579

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - General

## Employer Contribution Rates (6% Member Contribution Rate, 3 Year FAS) (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 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	
2024	\$ 61,818	4.6%	\$2,844	\$ 35,857	6.9%	\$4,265	\$ 44,827	6.6%	\$4,080	\$ 43,942
2025	63,518	4.6	2,922	36,201	6.9	4,383	45,257	6.6	4,192	44,364
2026	65,265	4.6	3,002	36,509	6.9	4,503	45,643	6.6	4,307	44,742
2027	67,060	4.6	3,085	36,778	6.9	4,627	45,979	6.6	4,426	45,071
2028	68,904	4.6	3,170	37,003	6.9	4,754	46,260	6.6	4,548	45,346
2029	70,799	4.6	3,257	37,179	6.9	4,885	46,480	6.6	4,673	45,562
2030	72,746	4.6	3,346	37,301	6.9	5,019	46,632	6.6	4,801	45,711
2031	74,747	4.6	3,438	37,363	6.9	5,158	46,710	6.6	4,933	45,787
2032	76,803	4.6	3,533	37,359	6.9	5,299	46,706	6.6	5,069	45,783
2033	78,915	4.6	3,630	37,283	6.9	5,445	46,611	6.6	5,208	45,690

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	
2024	\$ 61,818	8.4%	\$5,193	\$ 50,885	9.2%	\$5,687	\$ 53,795	10.2%	\$6,305	\$ 57,827
2025	63,518	8.4	5,336	51,373	9.2	5,844	54,311	10.2	6,479	58,382
2026	65,265	8.4	5,482	51,811	9.2	6,004	54,774	10.2	6,657	58,879
2027	67,060	8.4	5,633	52,193	9.2	6,170	55,177	10.2	6,840	59,313
2028	68,904	8.4	5,788	52,512	9.2	6,339	55,514	10.2	7,028	59,676
2029	70,799	8.4	5,947	52,762	9.2	6,514	55,778	10.2	7,221	59,960
2030	72,746	8.4	6,111	52,935	9.2	6,693	55,961	10.2	7,420	60,156
2031	74,747	8.4	6,279	53,023	9.2	6,877	56,054	10.2	7,624	60,256
2032	76,803	8.4	6,451	53,018	9.2	7,066	56,049	10.2	7,834	60,250
2033	78,915	8.4	6,629	52,910	9.2	7,260	55,935	10.2	8,049	60,128

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	
2024	\$ 61,818	11.6%	\$7,171	\$ 62,756	12.1%	\$7,480	\$ 64,782	14.0%	\$8,655	\$ 71,725
2025	63,518	11.6	7,368	63,358	12.1	7,686	65,403	14.0	8,893	72,413
2026	65,265	11.6	7,571	63,898	12.1	7,897	65,960	14.0	9,137	73,030
2027	67,060	11.6	7,779	64,369	12.1	8,114	66,446	14.0	9,388	73,568
2028	68,904	11.6	7,993	64,762	12.1	8,337	66,852	14.0	9,647	74,018
2029	70,799	11.6	8,213	65,070	12.1	8,567	67,170	14.0	9,912	74,370
2030	72,746	11.6	8,439	65,283	12.1	8,802	67,390	14.0	10,184	74,614
2031	74,747	11.6	8,671	65,392	12.1	9,044	67,502	14.0	10,465	74,738
2032	76,803	11.6	8,909	65,386	12.1	9,293	67,496	14.0	10,752	74,731
2033	78,915	11.6	9,154	65,253	12.1	9,549	67,359	14.0	11,048	74,579

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - Fire

## Employer Contribution Rates (0% Member Contribution Rate, 5 Year FAS)

### 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	
2024	\$ 1,548,180	19.7%	\$304,991	\$ 2,862,099	24.4%	\$377,756	\$ 3,577,612	23.9%	\$370,015	\$ 3,459,787
2025	1,590,755	19.7	313,379	2,889,554	24.4	388,144	3,611,931	23.9	380,190	3,492,976
2026	1,634,501	19.7	321,997	2,914,176	24.4	398,818	3,642,709	23.9	390,646	3,522,740
2027	1,679,450	19.7	330,852	2,935,637	24.4	409,786	3,669,535	23.9	401,389	3,548,682
2028	1,725,635	19.7	339,950	2,953,580	24.4	421,055	3,691,964	23.9	412,427	3,570,372
2029	1,773,090	19.7	349,299	2,967,622	24.4	432,634	3,709,516	23.9	423,769	3,587,346
2030	1,821,850	19.7	358,904	2,977,347	24.4	444,531	3,721,672	23.9	435,422	3,599,102
2031	1,871,951	19.7	368,774	2,982,308	24.4	456,756	3,727,873	23.9	447,396	3,605,099
2032	1,923,430	19.7	378,916	2,982,021	24.4	469,317	3,727,514	23.9	459,700	3,604,752
2033	1,976,324	19.7	389,336	2,975,965	24.4	482,223	3,719,944	23.9	472,341	3,597,431

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	
2024	\$ 1,548,180	27.6%	\$427,298	\$ 4,025,909	29.1%	\$450,520	\$ 4,293,127	31.2%	\$483,032	\$ 4,592,013
2025	1,590,755	27.6	439,048	4,064,528	29.1	462,910	4,334,310	31.2	496,316	4,636,063
2026	1,634,501	27.6	451,122	4,099,163	29.1	475,640	4,371,243	31.2	509,964	4,675,568
2027	1,679,450	27.6	463,528	4,129,350	29.1	488,720	4,403,434	31.2	523,988	4,710,000
2028	1,725,635	27.6	476,275	4,154,590	29.1	502,160	4,430,349	31.2	538,398	4,738,789
2029	1,773,090	27.6	489,373	4,174,342	29.1	515,969	4,451,412	31.2	553,204	4,761,318
2030	1,821,850	27.6	502,831	4,188,022	29.1	530,158	4,466,000	31.2	568,417	4,776,921
2031	1,871,951	27.6	516,658	4,195,000	29.1	544,738	4,473,441	31.2	584,049	4,784,880
2032	1,923,430	27.6	530,867	4,194,596	29.1	559,718	4,473,011	31.2	600,110	4,784,420
2033	1,976,324	27.6	545,465	4,186,077	29.1	575,110	4,463,927	31.2	616,613	4,774,704

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	
2024	\$ 1,548,180	33.7%	\$521,737	\$ 5,008,658	34.8%	\$538,767	\$ 5,158,093	38.4%	\$594,501	\$ 5,724,231
2025	1,590,755	33.7	536,084	5,056,704	34.8	553,583	5,207,573	38.4	610,850	5,779,142
2026	1,634,501	33.7	550,827	5,099,793	34.8	568,806	5,251,948	38.4	627,648	5,828,387
2027	1,679,450	33.7	565,975	5,137,349	34.8	584,449	5,290,625	38.4	644,909	5,871,309
2028	1,725,635	33.7	581,539	5,168,750	34.8	600,521	5,322,963	38.4	662,644	5,907,196
2029	1,773,090	33.7	597,531	5,193,323	34.8	617,035	5,348,269	38.4	680,867	5,935,280
2030	1,821,850	33.7	613,963	5,210,342	34.8	634,004	5,365,796	38.4	699,590	5,954,730
2031	1,871,951	33.7	630,847	5,219,023	34.8	651,439	5,374,736	38.4	718,829	5,964,651
2032	1,923,430	33.7	648,196	5,218,521	34.8	669,354	5,374,219	38.4	738,597	5,964,077
2033	1,976,324	33.7	666,021	5,207,923	34.8	687,761	5,363,305	38.4	758,908	5,951,965

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - Fire

## Employer Contribution Rates (2% Member Contribution Rate, 5 Year FAS) (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	
2024	\$ 1,548,180	17.8%	\$275,576	\$ 2,862,099	22.5%	\$348,341	\$ 3,577,612	22.0%	\$340,600	\$ 3,459,787
2025	1,590,755	17.8	283,154	2,889,554	22.5	357,920	3,611,931	22.0	349,966	3,492,976
2026	1,634,501	17.8	290,941	2,914,176	22.5	367,763	3,642,709	22.0	359,590	3,522,740
2027	1,679,450	17.8	298,942	2,935,637	22.5	377,876	3,669,535	22.0	369,479	3,548,682
2028	1,725,635	17.8	307,163	2,953,580	22.5	388,268	3,691,964	22.0	379,640	3,570,372
2029	1,773,090	17.8	315,610	2,967,622	22.5	398,945	3,709,516	22.0	390,080	3,587,346
2030	1,821,850	17.8	324,289	2,977,347	22.5	409,916	3,721,672	22.0	400,807	3,599,102
2031	1,871,951	17.8	333,207	2,982,308	22.5	421,189	3,727,873	22.0	411,829	3,605,099
2032	1,923,430	17.8	342,371	2,982,021	22.5	432,772	3,727,514	22.0	423,155	3,604,752
2033	1,976,324	17.8	351,786	2,975,965	22.5	444,673	3,719,944	22.0	434,791	3,597,431

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	
2024	\$ 1,548,180	25.7%	\$397,882	\$ 4,025,909	27.2%	\$421,105	\$ 4,293,127	29.3%	\$453,617	\$ 4,592,013
2025	1,590,755	25.7	408,824	4,064,528	27.2	432,685	4,334,310	29.3	466,091	4,636,063
2026	1,634,501	25.7	420,067	4,099,163	27.2	444,584	4,371,243	29.3	478,909	4,675,568
2027	1,679,450	25.7	431,619	4,129,350	27.2	456,810	4,403,434	29.3	492,079	4,710,000
2028	1,725,635	25.7	443,488	4,154,590	27.2	469,373	4,430,349	29.3	505,611	4,738,789
2029	1,773,090	25.7	455,684	4,174,342	27.2	482,280	4,451,412	29.3	519,515	4,761,318
2030	1,821,850	25.7	468,215	4,188,022	27.2	495,543	4,466,000	29.3	533,802	4,776,921
2031	1,871,951	25.7	481,091	4,195,000	27.2	509,171	4,473,441	29.3	548,482	4,784,880
2032	1,923,430	25.7	494,322	4,194,596	27.2	523,173	4,473,011	29.3	563,565	4,784,420
2033	1,976,324	25.7	507,915	4,186,077	27.2	537,560	4,463,927	29.3	579,063	4,774,704

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	
2024	\$ 1,548,180	31.8%	\$492,321	\$ 5,008,658	32.9%	\$509,351	\$ 5,158,093	36.5%	\$565,086	\$ 5,724,231
2025	1,590,755	31.8	505,860	5,056,704	32.9	523,358	5,207,573	36.5	580,626	5,779,142
2026	1,634,501	31.8	519,771	5,099,793	32.9	537,751	5,251,948	36.5	596,593	5,828,387
2027	1,679,450	31.8	534,065	5,137,349	32.9	552,539	5,290,625	36.5	612,999	5,871,309
2028	1,725,635	31.8	548,752	5,168,750	32.9	567,734	5,322,963	36.5	629,857	5,907,196
2029	1,773,090	31.8	563,843	5,193,323	32.9	583,347	5,348,269	36.5	647,178	5,935,280
2030	1,821,850	31.8	579,348	5,210,342	32.9	599,389	5,365,796	36.5	664,975	5,954,730
2031	1,871,951	31.8	595,280	5,219,023	32.9	615,872	5,374,736	36.5	683,262	5,964,651
2032	1,923,430	31.8	611,651	5,218,521	32.9	632,808	5,374,219	36.5	702,052	5,964,077
2033	1,976,324	31.8	628,471	5,207,923	32.9	650,211	5,363,305	36.5	721,358	5,951,965

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - Fire

## Employer Contribution Rates (4% Member Contribution Rate, 5 Year FAS) (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	
2024	\$ 1,548,180	15.9%	\$246,161	\$ 2,862,099	20.6%	\$318,925	\$ 3,577,612	20.1%	\$311,184	\$ 3,459,787
2025	1,590,755	15.9	252,930	2,889,554	20.6	327,696	3,611,931	20.1	319,742	3,492,976
2026	1,634,501	15.9	259,886	2,914,176	20.6	336,707	3,642,709	20.1	328,535	3,522,740
2027	1,679,450	15.9	267,033	2,935,637	20.6	345,967	3,669,535	20.1	337,569	3,548,682
2028	1,725,635	15.9	274,376	2,953,580	20.6	355,481	3,691,964	20.1	346,853	3,570,372
2029	1,773,090	15.9	281,921	2,967,622	20.6	365,257	3,709,516	20.1	356,391	3,587,346
2030	1,821,850	15.9	289,674	2,977,347	20.6	375,301	3,721,672	20.1	366,192	3,599,102
2031	1,871,951	15.9	297,640	2,982,308	20.6	385,622	3,727,873	20.1	376,262	3,605,099
2032	1,923,430	15.9	305,825	2,982,021	20.6	396,227	3,727,514	20.1	386,609	3,604,752
2033	1,976,324	15.9	314,236	2,975,965	20.6	407,123	3,719,944	20.1	397,241	3,597,431

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	
2024	\$ 1,548,180	23.8%	\$368,467	\$ 4,025,909	25.3%	\$391,690	\$ 4,293,127	27.4%	\$424,201	\$ 4,592,013
2025	1,590,755	23.8	378,600	4,064,528	25.3	402,461	4,334,310	27.4	435,867	4,636,063
2026	1,634,501	23.8	389,011	4,099,163	25.3	413,529	4,371,243	27.4	447,853	4,675,568
2027	1,679,450	23.8	399,709	4,129,350	25.3	424,901	4,403,434	27.4	460,169	4,710,000
2028	1,725,635	23.8	410,701	4,154,590	25.3	436,586	4,430,349	27.4	472,824	4,738,789
2029	1,773,090	23.8	421,995	4,174,342	25.3	448,592	4,451,412	27.4	485,827	4,761,318
2030	1,821,850	23.8	433,600	4,188,022	25.3	460,928	4,466,000	27.4	499,187	4,776,921
2031	1,871,951	23.8	445,524	4,195,000	25.3	473,604	4,473,441	27.4	512,915	4,784,880
2032	1,923,430	23.8	457,776	4,194,596	25.3	486,628	4,473,011	27.4	527,020	4,784,420
2033	1,976,324	23.8	470,365	4,186,077	25.3	500,010	4,463,927	27.4	541,513	4,774,704

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	
2024	\$ 1,548,180	29.9%	\$462,906	\$ 5,008,658	31.0%	\$479,936	\$ 5,158,093	34.6%	\$535,670	\$ 5,724,231
2025	1,590,755	29.9	475,636	5,056,704	31.0	493,134	5,207,573	34.6	550,401	5,779,142
2026	1,634,501	29.9	488,716	5,099,793	31.0	506,695	5,251,948	34.6	565,537	5,828,387
2027	1,679,450	29.9	502,156	5,137,349	31.0	520,630	5,290,625	34.6	581,090	5,871,309
2028	1,725,635	29.9	515,965	5,168,750	31.0	534,947	5,322,963	34.6	597,070	5,907,196
2029	1,773,090	29.9	530,154	5,193,323	31.0	549,658	5,348,269	34.6	613,489	5,935,280
2030	1,821,850	29.9	544,733	5,210,342	31.0	564,774	5,365,796	34.6	630,360	5,954,730
2031	1,871,951	29.9	559,713	5,219,023	31.0	580,305	5,374,736	34.6	647,695	5,964,651
2032	1,923,430	29.9	575,106	5,218,521	31.0	596,263	5,374,219	34.6	665,507	5,964,077
2033	1,976,324	29.9	590,921	5,207,923	31.0	612,660	5,363,305	34.6	683,808	5,951,965

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - Fire

## Employer Contribution Rates (6% Member Contribution Rate, 5 Year FAS) (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	
2024	\$ 1,548,180	14.0%	\$216,745	\$ 2,862,099	18.7%	\$289,510	\$ 3,577,612	18.2%	\$281,769	\$ 3,459,787
2025	1,590,755	14.0	222,706	2,889,554	18.7	297,471	3,611,931	18.2	289,517	3,492,976
2026	1,634,501	14.0	228,830	2,914,176	18.7	305,652	3,642,709	18.2	297,479	3,522,740
2027	1,679,450	14.0	235,123	2,935,637	18.7	314,057	3,669,535	18.2	305,660	3,548,682
2028	1,725,635	14.0	241,589	2,953,580	18.7	322,694	3,691,964	18.2	314,066	3,570,372
2029	1,773,090	14.0	248,233	2,967,622	18.7	331,568	3,709,516	18.2	322,702	3,587,346
2030	1,821,850	14.0	255,059	2,977,347	18.7	340,686	3,721,672	18.2	331,577	3,599,102
2031	1,871,951	14.0	262,073	2,982,308	18.7	350,055	3,727,873	18.2	340,695	3,605,099
2032	1,923,430	14.0	269,280	2,982,021	18.7	359,681	3,727,514	18.2	350,064	3,604,752
2033	1,976,324	14.0	276,685	2,975,965	18.7	369,573	3,719,944	18.2	359,691	3,597,431

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	
2024	\$ 1,548,180	21.9%	\$339,051	\$ 4,025,909	23.4%	\$362,274	\$ 4,293,127	25.5%	\$394,786	\$ 4,592,013
2025	1,590,755	21.9	348,375	4,064,528	23.4	372,237	4,334,310	25.5	405,643	4,636,063
2026	1,634,501	21.9	357,956	4,099,163	23.4	382,473	4,371,243	25.5	416,798	4,675,568
2027	1,679,450	21.9	367,800	4,129,350	23.4	392,991	4,403,434	25.5	428,260	4,710,000
2028	1,725,635	21.9	377,914	4,154,590	23.4	403,799	4,430,349	25.5	440,037	4,738,789
2029	1,773,090	21.9	388,307	4,174,342	23.4	414,903	4,451,412	25.5	452,138	4,761,318
2030	1,821,850	21.9	398,985	4,188,022	23.4	426,313	4,466,000	25.5	464,572	4,776,921
2031	1,871,951	21.9	409,957	4,195,000	23.4	438,037	4,473,441	25.5	477,348	4,784,880
2032	1,923,430	21.9	421,231	4,194,596	23.4	450,083	4,473,011	25.5	490,475	4,784,420
2033	1,976,324	21.9	432,815	4,186,077	23.4	462,460	4,463,927	25.5	503,963	4,774,704

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	
2024	\$ 1,548,180	28.0%	\$433,490	\$ 5,008,658	29.1%	\$450,520	\$ 5,158,093	32.7%	\$506,255	\$ 5,724,231
2025	1,590,755	28.0	445,411	5,056,704	29.1	462,910	5,207,573	32.7	520,177	5,779,142
2026	1,634,501	28.0	457,660	5,099,793	29.1	475,640	5,251,948	32.7	534,482	5,828,387
2027	1,679,450	28.0	470,246	5,137,349	29.1	488,720	5,290,625	32.7	549,180	5,871,309
2028	1,725,635	28.0	483,178	5,168,750	29.1	502,160	5,322,963	32.7	564,283	5,907,196
2029	1,773,090	28.0	496,465	5,193,323	29.1	515,969	5,348,269	32.7	579,800	5,935,280
2030	1,821,850	28.0	510,118	5,210,342	29.1	530,158	5,365,796	32.7	595,745	5,954,730
2031	1,871,951	28.0	524,146	5,219,023	29.1	544,738	5,374,736	32.7	612,128	5,964,651
2032	1,923,430	28.0	538,560	5,218,521	29.1	559,718	5,374,219	32.7	628,962	5,964,077
2033	1,976,324	28.0	553,371	5,207,923	29.1	575,110	5,363,305	32.7	646,258	5,951,965

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - Fire

## Employer Contribution Rates (0% Member Contribution Rate, 3 Year FAS)

### 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	
2024	\$ 1,548,180	20.3%	\$314,281	\$ 2,946,405	25.1%	\$388,593	\$ 3,683,032	24.6%	\$380,852	\$ 3,563,363
2025	1,590,755	20.3	322,923	2,974,669	25.1	399,280	3,718,362	24.6	391,326	3,597,545
2026	1,634,501	20.3	331,804	3,000,017	25.1	410,260	3,750,047	24.6	402,087	3,628,200
2027	1,679,450	20.3	340,928	3,022,110	25.1	421,542	3,777,663	24.6	413,145	3,654,919
2028	1,725,635	20.3	350,304	3,040,582	25.1	433,134	3,800,753	24.6	424,506	3,677,259
2029	1,773,090	20.3	359,937	3,055,037	25.1	445,046	3,818,822	24.6	436,180	3,694,741
2030	1,821,850	20.3	369,836	3,065,049	25.1	457,284	3,831,337	24.6	448,175	3,706,849
2031	1,871,951	20.3	380,006	3,070,156	25.1	469,860	3,837,721	24.6	460,500	3,713,025
2032	1,923,430	20.3	390,456	3,069,861	25.1	482,781	3,837,352	24.6	473,164	3,712,668
2033	1,976,324	20.3	401,194	3,063,627	25.1	496,057	3,829,559	24.6	486,176	3,705,128

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	
2024	\$ 1,548,180	28.3%	\$438,135	\$ 4,145,755	29.9%	\$462,906	\$ 4,419,631	32.1%	\$496,966	\$ 4,728,137
2025	1,590,755	28.3	450,184	4,185,524	29.9	475,636	4,462,027	32.1	510,632	4,773,492
2026	1,634,501	28.3	462,564	4,221,190	29.9	488,716	4,500,049	32.1	524,675	4,814,168
2027	1,679,450	28.3	475,284	4,252,276	29.9	502,156	4,533,188	32.1	539,103	4,849,621
2028	1,725,635	28.3	488,355	4,278,267	29.9	515,965	4,560,896	32.1	553,929	4,879,263
2029	1,773,090	28.3	501,784	4,298,607	29.9	530,154	4,582,579	32.1	569,162	4,902,460
2030	1,821,850	28.3	515,584	4,312,694	29.9	544,733	4,597,596	32.1	584,814	4,918,526
2031	1,871,951	28.3	529,762	4,319,880	29.9	559,713	4,605,256	32.1	600,896	4,926,721
2032	1,923,430	28.3	544,331	4,319,464	29.9	575,106	4,604,813	32.1	617,421	4,926,247
2033	1,976,324	28.3	559,300	4,310,692	29.9	590,921	4,595,461	32.1	634,400	4,916,243

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	
2024	\$ 1,548,180	34.7%	\$537,218	\$ 5,156,291	35.8%	\$554,248	\$ 5,310,531	39.5%	\$611,531	\$ 5,892,823
2025	1,590,755	34.7	551,992	5,205,754	35.8	569,490	5,361,473	39.5	628,348	5,949,351
2026	1,634,501	34.7	567,172	5,250,113	35.8	585,151	5,407,159	39.5	645,628	6,000,046
2027	1,679,450	34.7	582,769	5,288,776	35.8	601,243	5,446,979	39.5	663,383	6,044,232
2028	1,725,635	34.7	598,795	5,321,102	35.8	617,777	5,480,272	39.5	681,626	6,081,176
2029	1,773,090	34.7	615,262	5,346,399	35.8	634,766	5,506,326	39.5	700,371	6,110,087
2030	1,821,850	34.7	632,182	5,363,920	35.8	652,222	5,524,371	39.5	719,631	6,130,110
2031	1,871,951	34.7	649,567	5,372,857	35.8	670,158	5,533,575	39.5	739,421	6,140,324
2032	1,923,430	34.7	667,430	5,372,340	35.8	688,588	5,533,043	39.5	759,755	6,139,733
2033	1,976,324	34.7	685,784	5,361,430	35.8	707,524	5,521,806	39.5	780,648	6,127,264

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.





# Spanish Lake Fire Protection District - Fire

## Employer Contribution Rates (2% Member Contribution Rate, 3 Year FAS) (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	
2024	\$ 1,548,180	18.4%	\$284,865	\$ 2,946,405	23.2%	\$359,178	\$ 3,683,032	22.7%	\$351,437	\$ 3,563,363
2025	1,590,755	18.4	292,699	2,974,669	23.2	369,055	3,718,362	22.7	361,101	3,597,545
2026	1,634,501	18.4	300,748	3,000,017	23.2	379,204	3,750,047	22.7	371,032	3,628,200
2027	1,679,450	18.4	309,019	3,022,110	23.2	389,632	3,777,663	22.7	381,235	3,654,919
2028	1,725,635	18.4	317,517	3,040,582	23.2	400,347	3,800,753	22.7	391,719	3,677,259
2029	1,773,090	18.4	326,249	3,055,037	23.2	411,357	3,818,822	22.7	402,491	3,694,741
2030	1,821,850	18.4	335,220	3,065,049	23.2	422,669	3,831,337	22.7	413,560	3,706,849
2031	1,871,951	18.4	344,439	3,070,156	23.2	434,293	3,837,721	22.7	424,933	3,713,025
2032	1,923,430	18.4	353,911	3,069,861	23.2	446,236	3,837,352	22.7	436,619	3,712,668
2033	1,976,324	18.4	363,644	3,063,627	23.2	458,507	3,829,559	22.7	448,626	3,705,128

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	
2024	\$ 1,548,180	26.4%	\$408,720	\$ 4,145,755	28.0%	\$433,490	\$ 4,419,631	30.2%	\$467,550	\$ 4,728,137
2025	1,590,755	26.4	419,959	4,185,524	28.0	445,411	4,462,027	30.2	480,408	4,773,492
2026	1,634,501	26.4	431,508	4,221,190	28.0	457,660	4,500,049	30.2	493,619	4,814,168
2027	1,679,450	26.4	443,375	4,252,276	28.0	470,246	4,533,188	30.2	507,194	4,849,621
2028	1,725,635	26.4	455,568	4,278,267	28.0	483,178	4,560,896	30.2	521,142	4,879,263
2029	1,773,090	26.4	468,096	4,298,607	28.0	496,465	4,582,579	30.2	535,473	4,902,460
2030	1,821,850	26.4	480,968	4,312,694	28.0	510,118	4,597,596	30.2	550,199	4,918,526
2031	1,871,951	26.4	494,195	4,319,880	28.0	524,146	4,605,256	30.2	565,329	4,926,721
2032	1,923,430	26.4	507,786	4,319,464	28.0	538,560	4,604,813	30.2	580,876	4,926,247
2033	1,976,324	26.4	521,750	4,310,692	28.0	553,371	4,595,461	30.2	596,850	4,916,243

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	
2024	\$ 1,548,180	32.8%	\$507,803	\$ 5,156,291	33.9%	\$524,833	\$ 5,310,531	37.6%	\$582,116	\$ 5,892,823
2025	1,590,755	32.8	521,768	5,205,754	33.9	539,266	5,361,473	37.6	598,124	5,949,351
2026	1,634,501	32.8	536,116	5,250,113	33.9	554,096	5,407,159	37.6	614,572	6,000,046
2027	1,679,450	32.8	550,860	5,288,776	33.9	569,334	5,446,979	37.6	631,473	6,044,232
2028	1,725,635	32.8	566,008	5,321,102	33.9	584,990	5,480,272	37.6	648,839	6,081,176
2029	1,773,090	32.8	581,574	5,346,399	33.9	601,078	5,506,326	37.6	666,682	6,110,087
2030	1,821,850	32.8	597,567	5,363,920	33.9	617,607	5,524,371	37.6	685,016	6,130,110
2031	1,871,951	32.8	614,000	5,372,857	33.9	634,591	5,533,575	37.6	703,854	6,140,324
2032	1,923,430	32.8	630,885	5,372,340	33.9	652,043	5,533,043	37.6	723,210	6,139,733
2033	1,976,324	32.8	648,234	5,361,430	33.9	669,974	5,521,806	37.6	743,098	6,127,264

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.





# Spanish Lake Fire Protection District - Fire

## Employer Contribution Rates (4% Member Contribution Rate, 3 Year FAS) (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	
2024	\$ 1,548,180	16.5%	\$255,450	\$ 2,946,405	21.3%	\$329,762	\$ 3,683,032	20.8%	\$322,021	\$ 3,563,363
2025	1,590,755	16.5	262,475	2,974,669	21.3	338,831	3,718,362	20.8	330,877	3,597,545
2026	1,634,501	16.5	269,693	3,000,017	21.3	348,149	3,750,047	20.8	339,976	3,628,200
2027	1,679,450	16.5	277,109	3,022,110	21.3	357,723	3,777,663	20.8	349,326	3,654,919
2028	1,725,635	16.5	284,730	3,040,582	21.3	367,560	3,800,753	20.8	358,932	3,677,259
2029	1,773,090	16.5	292,560	3,055,037	21.3	377,668	3,818,822	20.8	368,803	3,694,741
2030	1,821,850	16.5	300,605	3,065,049	21.3	388,054	3,831,337	20.8	378,945	3,706,849
2031	1,871,951	16.5	308,872	3,070,156	21.3	398,726	3,837,721	20.8	389,366	3,713,025
2032	1,923,430	16.5	317,366	3,069,861	21.3	409,691	3,837,352	20.8	400,073	3,712,668
2033	1,976,324	16.5	326,093	3,063,627	21.3	420,957	3,829,559	20.8	411,075	3,705,128

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	
2024	\$ 1,548,180	24.5%	\$379,304	\$ 4,145,755	26.1%	\$404,075	\$ 4,419,631	28.3%	\$438,135	\$ 4,728,137
2025	1,590,755	24.5	389,735	4,185,524	26.1	415,187	4,462,027	28.3	450,184	4,773,492
2026	1,634,501	24.5	400,453	4,221,190	26.1	426,605	4,500,049	28.3	462,564	4,814,168
2027	1,679,450	24.5	411,465	4,252,276	26.1	438,336	4,533,188	28.3	475,284	4,849,621
2028	1,725,635	24.5	422,781	4,278,267	26.1	450,391	4,560,896	28.3	488,355	4,879,263
2029	1,773,090	24.5	434,407	4,298,607	26.1	462,776	4,582,579	28.3	501,784	4,902,460
2030	1,821,850	24.5	446,353	4,312,694	26.1	475,503	4,597,596	28.3	515,584	4,918,526
2031	1,871,951	24.5	458,628	4,319,880	26.1	488,579	4,605,256	28.3	529,762	4,926,721
2032	1,923,430	24.5	471,240	4,319,464	26.1	502,015	4,604,813	28.3	544,331	4,926,247
2033	1,976,324	24.5	484,199	4,310,692	26.1	515,821	4,595,461	28.3	559,300	4,916,243

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	
2024	\$ 1,548,180	30.9%	\$478,388	\$ 5,156,291	32.0%	\$495,418	\$ 5,310,531	35.7%	\$552,700	\$ 5,892,823
2025	1,590,755	30.9	491,543	5,205,754	32.0	509,042	5,361,473	35.7	567,900	5,949,351
2026	1,634,501	30.9	505,061	5,250,113	32.0	523,040	5,407,159	35.7	583,517	6,000,046
2027	1,679,450	30.9	518,950	5,288,776	32.0	537,424	5,446,979	35.7	599,564	6,044,232
2028	1,725,635	30.9	533,221	5,321,102	32.0	552,203	5,480,272	35.7	616,052	6,081,176
2029	1,773,090	30.9	547,885	5,346,399	32.0	567,389	5,506,326	35.7	632,993	6,110,087
2030	1,821,850	30.9	562,952	5,363,920	32.0	582,992	5,524,371	35.7	650,400	6,130,110
2031	1,871,951	30.9	578,433	5,372,857	32.0	599,024	5,533,575	35.7	668,287	6,140,324
2032	1,923,430	30.9	594,340	5,372,340	32.0	615,498	5,533,043	35.7	686,665	6,139,733
2033	1,976,324	30.9	610,684	5,361,430	32.0	632,424	5,521,806	35.7	705,548	6,127,264

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - Fire

## Employer Contribution Rates (6% Member Contribution Rate, 3 Year FAS) (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	
2024	\$ 1,548,180	14.6%	\$226,034	\$ 2,946,405	19.4%	\$300,347	\$ 3,683,032	18.9%	\$292,606	\$ 3,563,363
2025	1,590,755	14.6	232,250	2,974,669	19.4	308,606	3,718,362	18.9	300,653	3,597,545
2026	1,634,501	14.6	238,637	3,000,017	19.4	317,093	3,750,047	18.9	308,921	3,628,200
2027	1,679,450	14.6	245,200	3,022,110	19.4	325,813	3,777,663	18.9	317,416	3,654,919
2028	1,725,635	14.6	251,943	3,040,582	19.4	334,773	3,800,753	18.9	326,145	3,677,259
2029	1,773,090	14.6	258,871	3,055,037	19.4	343,979	3,818,822	18.9	335,114	3,694,741
2030	1,821,850	14.6	265,990	3,065,049	19.4	353,439	3,831,337	18.9	344,330	3,706,849
2031	1,871,951	14.6	273,305	3,070,156	19.4	363,158	3,837,721	18.9	353,799	3,713,025
2032	1,923,430	14.6	280,821	3,069,861	19.4	373,145	3,837,352	18.9	363,528	3,712,668
2033	1,976,324	14.6	288,543	3,063,627	19.4	383,407	3,829,559	18.9	373,525	3,705,128

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	
2024	\$ 1,548,180	22.6%	\$349,889	\$ 4,145,755	24.2%	\$374,660	\$ 4,419,631	26.4%	\$408,720	\$ 4,728,137
2025	1,590,755	22.6	359,511	4,185,524	24.2	384,963	4,462,027	26.4	419,959	4,773,492
2026	1,634,501	22.6	369,397	4,221,190	24.2	395,549	4,500,049	26.4	431,508	4,814,168
2027	1,679,450	22.6	379,556	4,252,276	24.2	406,427	4,533,188	26.4	443,375	4,849,621
2028	1,725,635	22.6	389,994	4,278,267	24.2	417,604	4,560,896	26.4	455,568	4,879,263
2029	1,773,090	22.6	400,718	4,298,607	24.2	429,088	4,582,579	26.4	468,096	4,902,460
2030	1,821,850	22.6	411,738	4,312,694	24.2	440,888	4,597,596	26.4	480,968	4,918,526
2031	1,871,951	22.6	423,061	4,319,880	24.2	453,012	4,605,256	26.4	494,195	4,926,721
2032	1,923,430	22.6	434,695	4,319,464	24.2	465,470	4,604,813	26.4	507,786	4,926,247
2033	1,976,324	22.6	446,649	4,310,692	24.2	478,270	4,595,461	26.4	521,750	4,916,243

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	
2024	\$ 1,548,180	29.0%	\$448,972	\$ 5,156,291	30.1%	\$466,002	\$ 5,310,531	33.8%	\$523,285	\$ 5,892,823
2025	1,590,755	29.0	461,319	5,205,754	30.1	478,817	5,361,473	33.8	537,675	5,949,351
2026	1,634,501	29.0	474,005	5,250,113	30.1	491,985	5,407,159	33.8	552,461	6,000,046
2027	1,679,450	29.0	487,041	5,288,776	30.1	505,514	5,446,979	33.8	567,654	6,044,232
2028	1,725,635	29.0	500,434	5,321,102	30.1	519,416	5,480,272	33.8	583,265	6,081,176
2029	1,773,090	29.0	514,196	5,346,399	30.1	533,700	5,506,326	33.8	599,304	6,110,087
2030	1,821,850	29.0	528,337	5,363,920	30.1	548,377	5,524,371	33.8	615,785	6,130,110
2031	1,871,951	29.0	542,866	5,372,857	30.1	563,457	5,533,575	33.8	632,719	6,140,324
2032	1,923,430	29.0	557,795	5,372,340	30.1	578,952	5,533,043	33.8	650,119	6,139,733
2033	1,976,324	29.0	573,134	5,361,430	30.1	594,874	5,521,806	33.8	667,998	6,127,264

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - Fire

## Employer Contribution Rates (0% Member Contribution Rate, 5 Year FAS)

### 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 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	
2024	\$ 1,548,180	20.8%	\$322,021	\$ 3,039,120	25.6%	\$396,334	\$ 3,798,920	26.4%	\$408,720	\$ 3,898,223
2025	1,590,755	20.8	330,877	3,068,273	25.6	407,233	3,835,362	26.4	419,959	3,935,617
2026	1,634,501	20.8	339,976	3,094,418	25.6	418,432	3,868,044	26.4	431,508	3,969,153
2027	1,679,450	20.8	349,326	3,117,206	25.6	429,939	3,896,529	26.4	443,375	3,998,383
2028	1,725,635	20.8	358,932	3,136,259	25.6	441,763	3,920,346	26.4	455,568	4,022,822
2029	1,773,090	20.8	368,803	3,151,169	25.6	453,911	3,938,984	26.4	468,096	4,041,947
2030	1,821,850	20.8	378,945	3,161,496	25.6	466,394	3,951,892	26.4	480,968	4,055,193
2031	1,871,951	20.8	389,366	3,166,763	25.6	479,219	3,958,476	26.4	494,195	4,061,949
2032	1,923,430	20.8	400,073	3,166,458	25.6	492,398	3,958,095	26.4	507,786	4,061,558
2033	1,976,324	20.8	411,075	3,160,027	25.6	505,939	3,950,057	26.4	521,750	4,053,310

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	
2024	\$ 1,548,180	29.9%	\$462,906	\$ 4,443,241	30.6%	\$473,743	\$ 4,558,675	33.4%	\$517,092	\$ 4,988,250
2025	1,590,755	29.9	475,636	4,485,864	30.6	486,771	4,602,405	33.4	531,312	5,036,101
2026	1,634,501	29.9	488,716	4,524,089	30.6	500,157	4,641,623	33.4	545,923	5,079,014
2027	1,679,450	29.9	502,156	4,557,405	30.6	513,912	4,675,805	33.4	560,936	5,116,417
2028	1,725,635	29.9	515,965	4,585,261	30.6	528,044	4,704,385	33.4	576,362	5,147,690
2029	1,773,090	29.9	530,154	4,607,060	30.6	542,566	4,726,750	33.4	592,212	5,172,163
2030	1,821,850	29.9	544,733	4,622,158	30.6	557,486	4,742,240	33.4	608,498	5,189,113
2031	1,871,951	29.9	559,713	4,629,859	30.6	572,817	4,750,141	33.4	625,232	5,197,759
2032	1,923,430	29.9	575,106	4,629,413	30.6	588,570	4,749,684	33.4	642,426	5,197,259
2033	1,976,324	29.9	590,921	4,620,011	30.6	604,755	4,740,038	33.4	660,092	5,186,704

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	
2024	\$ 1,548,180	35.5%	\$549,604	\$ 5,318,485	36.9%	\$571,278	\$ 5,533,251	40.3%	\$623,917	\$ 6,078,316
2025	1,590,755	35.5	564,718	5,369,503	36.9	586,989	5,586,330	40.3	641,074	6,136,623
2026	1,634,501	35.5	580,248	5,415,257	36.9	603,131	5,633,932	40.3	658,704	6,188,914
2027	1,679,450	35.5	596,205	5,455,136	36.9	619,717	5,675,422	40.3	676,818	6,234,491
2028	1,725,635	35.5	612,600	5,488,479	36.9	636,759	5,710,112	40.3	695,431	6,272,598
2029	1,773,090	35.5	629,447	5,514,572	36.9	654,270	5,737,259	40.3	714,555	6,302,419
2030	1,821,850	35.5	646,757	5,532,644	36.9	672,263	5,756,060	40.3	734,206	6,323,073
2031	1,871,951	35.5	664,543	5,541,862	36.9	690,750	5,765,650	40.3	754,396	6,333,608
2032	1,923,430	35.5	682,818	5,541,329	36.9	709,746	5,765,095	40.3	775,142	6,332,999
2033	1,976,324	35.5	701,595	5,530,075	36.9	729,264	5,753,387	40.3	796,459	6,320,138

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - Fire

## Employer Contribution Rates (2% Member Contribution Rate, 5 Year FAS) (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 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	
2024	\$ 1,548,180	18.9%	\$292,606	\$ 3,039,120	23.7%	\$366,919	\$ 3,798,920	24.5%	\$379,304	\$ 3,898,223
2025	1,590,755	18.9	300,653	3,068,273	23.7	377,009	3,835,362	24.5	389,735	3,935,617
2026	1,634,501	18.9	308,921	3,094,418	23.7	387,377	3,868,044	24.5	400,453	3,969,153
2027	1,679,450	18.9	317,416	3,117,206	23.7	398,030	3,896,529	24.5	411,465	3,998,383
2028	1,725,635	18.9	326,145	3,136,259	23.7	408,975	3,920,346	24.5	422,781	4,022,822
2029	1,773,090	18.9	335,114	3,151,169	23.7	420,222	3,938,984	24.5	434,407	4,041,947
2030	1,821,850	18.9	344,330	3,161,496	23.7	431,778	3,951,892	24.5	446,353	4,055,193
2031	1,871,951	18.9	353,799	3,166,763	23.7	443,652	3,958,476	24.5	458,628	4,061,949
2032	1,923,430	18.9	363,528	3,166,458	23.7	455,853	3,958,095	24.5	471,240	4,061,558
2033	1,976,324	18.9	373,525	3,160,027	23.7	468,389	3,950,057	24.5	484,199	4,053,310

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	
2024	\$ 1,548,180	28.0%	\$433,490	\$ 4,443,241	28.7%	\$444,328	\$ 4,558,675	31.5%	\$487,677	\$ 4,988,250
2025	1,590,755	28.0	445,411	4,485,864	28.7	456,547	4,602,405	31.5	501,088	5,036,101
2026	1,634,501	28.0	457,660	4,524,089	28.7	469,102	4,641,623	31.5	514,868	5,079,014
2027	1,679,450	28.0	470,246	4,557,405	28.7	482,002	4,675,805	31.5	529,027	5,116,417
2028	1,725,635	28.0	483,178	4,585,261	28.7	495,257	4,704,385	31.5	543,575	5,147,690
2029	1,773,090	28.0	496,465	4,607,060	28.7	508,877	4,726,750	31.5	558,523	5,172,163
2030	1,821,850	28.0	510,118	4,622,158	28.7	522,871	4,742,240	31.5	573,883	5,189,113
2031	1,871,951	28.0	524,146	4,629,859	28.7	537,250	4,750,141	31.5	589,665	5,197,759
2032	1,923,430	28.0	538,560	4,629,413	28.7	552,024	4,749,684	31.5	605,880	5,197,259
2033	1,976,324	28.0	553,371	4,620,011	28.7	567,205	4,740,038	31.5	622,542	5,186,704

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	
2024	\$ 1,548,180	33.6%	\$520,188	\$ 5,318,485	35.0%	\$541,863	\$ 5,533,251	38.4%	\$594,501	\$ 6,078,316
2025	1,590,755	33.6	534,494	5,369,503	35.0	556,764	5,586,330	38.4	610,850	6,136,623
2026	1,634,501	33.6	549,192	5,415,257	35.0	572,075	5,633,932	38.4	627,648	6,188,914
2027	1,679,450	33.6	564,295	5,455,136	35.0	587,808	5,675,422	38.4	644,909	6,234,491
2028	1,725,635	33.6	579,813	5,488,479	35.0	603,972	5,710,112	38.4	662,644	6,272,598
2029	1,773,090	33.6	595,758	5,514,572	35.0	620,582	5,737,259	38.4	680,867	6,302,419
2030	1,821,850	33.6	612,142	5,532,644	35.0	637,648	5,756,060	38.4	699,590	6,323,073
2031	1,871,951	33.6	628,976	5,541,862	35.0	655,183	5,765,650	38.4	718,829	6,333,608
2032	1,923,430	33.6	646,272	5,541,329	35.0	673,201	5,765,095	38.4	738,597	6,332,999
2033	1,976,324	33.6	664,045	5,530,075	35.0	691,713	5,753,387	38.4	758,908	6,320,138

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - Fire

## Employer Contribution Rates (4% Member Contribution Rate, 5 Year FAS) (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 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	
2024	\$ 1,548,180	17.0%	\$263,191	\$ 3,039,120	21.8%	\$337,503	\$ 3,798,920	22.6%	\$349,889	\$ 3,898,223
2025	1,590,755	17.0	270,428	3,068,273	21.8	346,785	3,835,362	22.6	359,511	3,935,617
2026	1,634,501	17.0	277,865	3,094,418	21.8	356,321	3,868,044	22.6	369,397	3,969,153
2027	1,679,450	17.0	285,507	3,117,206	21.8	366,120	3,896,529	22.6	379,556	3,998,383
2028	1,725,635	17.0	293,358	3,136,259	21.8	376,188	3,920,346	22.6	389,994	4,022,822
2029	1,773,090	17.0	301,425	3,151,169	21.8	386,534	3,938,984	22.6	400,718	4,041,947
2030	1,821,850	17.0	309,715	3,161,496	21.8	397,163	3,951,892	22.6	411,738	4,055,193
2031	1,871,951	17.0	318,232	3,166,763	21.8	408,085	3,958,476	22.6	423,061	4,061,949
2032	1,923,430	17.0	326,983	3,166,458	21.8	419,308	3,958,095	22.6	434,695	4,061,558
2033	1,976,324	17.0	335,975	3,160,027	21.8	430,839	3,950,057	22.6	446,649	4,053,310

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	
2024	\$ 1,548,180	26.1%	\$404,075	\$ 4,443,241	26.8%	\$414,912	\$ 4,558,675	29.6%	\$458,261	\$ 4,988,250
2025	1,590,755	26.1	415,187	4,485,864	26.8	426,322	4,602,405	29.6	470,863	5,036,101
2026	1,634,501	26.1	426,605	4,524,089	26.8	438,046	4,641,623	29.6	483,812	5,079,014
2027	1,679,450	26.1	438,336	4,557,405	26.8	450,093	4,675,805	29.6	497,117	5,116,417
2028	1,725,635	26.1	450,391	4,585,261	26.8	462,470	4,704,385	29.6	510,788	5,147,690
2029	1,773,090	26.1	462,776	4,607,060	26.8	475,188	4,726,750	29.6	524,835	5,172,163
2030	1,821,850	26.1	475,503	4,622,158	26.8	488,256	4,742,240	29.6	539,268	5,189,113
2031	1,871,951	26.1	488,579	4,629,859	26.8	501,683	4,750,141	29.6	554,097	5,197,759
2032	1,923,430	26.1	502,015	4,629,413	26.8	515,479	4,749,684	29.6	569,335	5,197,259
2033	1,976,324	26.1	515,821	4,620,011	26.8	529,655	4,740,038	29.6	584,992	5,186,704

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	
2024	\$ 1,548,180	31.7%	\$490,773	\$ 5,318,485	33.1%	\$512,448	\$ 5,533,251	36.5%	\$565,086	\$ 6,078,316
2025	1,590,755	31.7	504,269	5,369,503	33.1	526,540	5,586,330	36.5	580,626	6,136,623
2026	1,634,501	31.7	518,137	5,415,257	33.1	541,020	5,633,932	36.5	596,593	6,188,914
2027	1,679,450	31.7	532,386	5,455,136	33.1	555,898	5,675,422	36.5	612,999	6,234,491
2028	1,725,635	31.7	547,026	5,488,479	33.1	571,185	5,710,112	36.5	629,857	6,272,598
2029	1,773,090	31.7	562,070	5,514,572	33.1	586,893	5,737,259	36.5	647,178	6,302,419
2030	1,821,850	31.7	577,526	5,532,644	33.1	603,032	5,756,060	36.5	664,975	6,323,073
2031	1,871,951	31.7	593,408	5,541,862	33.1	619,616	5,765,650	36.5	683,262	6,333,608
2032	1,923,430	31.7	609,727	5,541,329	33.1	636,655	5,765,095	36.5	702,052	6,332,999
2033	1,976,324	31.7	626,495	5,530,075	33.1	654,163	5,753,387	36.5	721,358	6,320,138

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - Fire

## Employer Contribution Rates (6% Member Contribution Rate, 5 Year FAS) (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 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	
2024	\$ 1,548,180	15.1%	\$233,775	\$ 3,039,120	19.9%	\$308,088	\$ 3,798,920	20.7%	\$320,473	\$ 3,898,223
2025	1,590,755	15.1	240,204	3,068,273	19.9	316,560	3,835,362	20.7	329,286	3,935,617
2026	1,634,501	15.1	246,810	3,094,418	19.9	325,266	3,868,044	20.7	338,342	3,969,153
2027	1,679,450	15.1	253,597	3,117,206	19.9	334,211	3,896,529	20.7	347,646	3,998,383
2028	1,725,635	15.1	260,571	3,136,259	19.9	343,401	3,920,346	20.7	357,206	4,022,822
2029	1,773,090	15.1	267,737	3,151,169	19.9	352,845	3,938,984	20.7	367,030	4,041,947
2030	1,821,850	15.1	275,099	3,161,496	19.9	362,548	3,951,892	20.7	377,123	4,055,193
2031	1,871,951	15.1	282,665	3,166,763	19.9	372,518	3,958,476	20.7	387,494	4,061,949
2032	1,923,430	15.1	290,438	3,166,458	19.9	382,763	3,958,095	20.7	398,150	4,061,558
2033	1,976,324	15.1	298,425	3,160,027	19.9	393,288	3,950,057	20.7	409,099	4,053,310

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	
2024	\$ 1,548,180	24.2%	\$374,660	\$ 4,443,241	24.9%	\$385,497	\$ 4,558,675	27.7%	\$428,846	\$ 4,988,250
2025	1,590,755	24.2	384,963	4,485,864	24.9	396,098	4,602,405	27.7	440,639	5,036,101
2026	1,634,501	24.2	395,549	4,524,089	24.9	406,991	4,641,623	27.7	452,757	5,079,014
2027	1,679,450	24.2	406,427	4,557,405	24.9	418,183	4,675,805	27.7	465,208	5,116,417
2028	1,725,635	24.2	417,604	4,585,261	24.9	429,683	4,704,385	27.7	478,001	5,147,690
2029	1,773,090	24.2	429,088	4,607,060	24.9	441,499	4,726,750	27.7	491,146	5,172,163
2030	1,821,850	24.2	440,888	4,622,158	24.9	453,641	4,742,240	27.7	504,652	5,189,113
2031	1,871,951	24.2	453,012	4,629,859	24.9	466,116	4,750,141	27.7	518,530	5,197,759
2032	1,923,430	24.2	465,470	4,629,413	24.9	478,934	4,749,684	27.7	532,790	5,197,259
2033	1,976,324	24.2	478,270	4,620,011	24.9	492,105	4,740,038	27.7	547,442	5,186,704

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	
2024	\$ 1,548,180	29.8%	\$461,358	\$ 5,318,485	31.2%	\$483,032	\$ 5,533,251	34.6%	\$535,670	\$ 6,078,316
2025	1,590,755	29.8	474,045	5,369,503	31.2	496,316	5,586,330	34.6	550,401	6,136,623
2026	1,634,501	29.8	487,081	5,415,257	31.2	509,964	5,633,932	34.6	565,537	6,188,914
2027	1,679,450	29.8	500,476	5,455,136	31.2	523,988	5,675,422	34.6	581,090	6,234,491
2028	1,725,635	29.8	514,239	5,488,479	31.2	538,398	5,710,112	34.6	597,070	6,272,598
2029	1,773,090	29.8	528,381	5,514,572	31.2	553,204	5,737,259	34.6	613,489	6,302,419
2030	1,821,850	29.8	542,911	5,532,644	31.2	568,417	5,756,060	34.6	630,360	6,323,073
2031	1,871,951	29.8	557,841	5,541,862	31.2	584,049	5,765,650	34.6	647,695	6,333,608
2032	1,923,430	29.8	573,182	5,541,329	31.2	600,110	5,765,095	34.6	665,507	6,332,999
2033	1,976,324	29.8	588,945	5,530,075	31.2	616,613	5,753,387	34.6	683,808	6,320,138

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - Fire

## Employer Contribution Rates (0% Member Contribution Rate, 3 Year FAS)

### 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 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	
2024	\$ 1,548,180	21.3%	\$329,762	\$ 3,132,456	26.4%	\$408,720	\$ 3,915,597	27.2%	\$421,105	\$ 4,019,823
2025	1,590,755	21.3	338,831	3,162,505	26.4	419,959	3,953,158	27.2	432,685	4,058,384
2026	1,634,501	21.3	348,149	3,189,453	26.4	431,508	3,986,844	27.2	444,584	4,092,966
2027	1,679,450	21.3	357,723	3,212,941	26.4	443,375	4,016,204	27.2	456,810	4,123,108
2028	1,725,635	21.3	367,560	3,232,579	26.4	455,568	4,040,752	27.2	469,373	4,148,309
2029	1,773,090	21.3	377,668	3,247,947	26.4	468,096	4,059,962	27.2	482,280	4,168,031
2030	1,821,850	21.3	388,054	3,258,591	26.4	480,968	4,073,267	27.2	495,543	4,181,690
2031	1,871,951	21.3	398,726	3,264,020	26.4	494,195	4,080,054	27.2	509,171	4,188,657
2032	1,923,430	21.3	409,691	3,263,706	26.4	507,786	4,079,661	27.2	523,173	4,188,254
2033	1,976,324	21.3	420,957	3,257,078	26.4	521,750	4,071,376	27.2	537,560	4,179,748

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	
2024	\$ 1,548,180	30.8%	\$476,839	\$ 4,581,134	31.5%	\$487,677	\$ 4,698,712	34.4%	\$532,574	\$ 5,142,434
2025	1,590,755	30.8	489,953	4,625,079	31.5	501,088	4,743,785	34.4	547,220	5,191,764
2026	1,634,501	30.8	503,426	4,664,490	31.5	514,868	4,784,208	34.4	562,268	5,236,004
2027	1,679,450	30.8	517,271	4,698,840	31.5	529,027	4,819,440	34.4	577,731	5,274,563
2028	1,725,635	30.8	531,496	4,727,560	31.5	543,575	4,848,898	34.4	593,618	5,306,802
2029	1,773,090	30.8	546,112	4,750,036	31.5	558,523	4,871,950	34.4	609,943	5,332,031
2030	1,821,850	30.8	561,130	4,765,602	31.5	573,883	4,887,916	34.4	626,716	5,349,504
2031	1,871,951	30.8	576,561	4,773,542	31.5	589,665	4,896,060	34.4	643,951	5,358,417
2032	1,923,430	30.8	592,416	4,773,083	31.5	605,880	4,895,589	34.4	661,660	5,357,901
2033	1,976,324	30.8	608,708	4,763,390	31.5	622,542	4,885,647	34.4	679,855	5,347,020

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	
2024	\$ 1,548,180	36.6%	\$566,634	\$ 5,481,876	38.0%	\$588,308	\$ 5,703,714	41.6%	\$644,043	\$ 6,264,904
2025	1,590,755	36.6	582,216	5,534,462	38.0	604,487	5,758,428	41.6	661,754	6,325,001
2026	1,634,501	36.6	598,227	5,581,622	38.0	621,110	5,807,497	41.6	679,952	6,378,897
2027	1,679,450	36.6	614,679	5,622,726	38.0	638,191	5,850,265	41.6	698,651	6,425,873
2028	1,725,635	36.6	631,582	5,657,093	38.0	655,741	5,886,023	41.6	717,864	6,465,149
2029	1,773,090	36.6	648,951	5,683,988	38.0	673,774	5,914,006	41.6	737,605	6,495,885
2030	1,821,850	36.6	666,797	5,702,615	38.0	692,303	5,933,387	41.6	757,890	6,517,173
2031	1,871,951	36.6	685,134	5,712,116	38.0	711,341	5,943,273	41.6	778,732	6,528,031
2032	1,923,430	36.6	703,975	5,711,566	38.0	730,903	5,942,701	41.6	800,147	6,527,403
2033	1,976,324	36.6	723,335	5,699,967	38.0	751,003	5,930,632	41.6	822,151	6,514,147

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.





# Spanish Lake Fire Protection District - Fire

## Employer Contribution Rates (2% Member Contribution Rate, 3 Year FAS) (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 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	
2024	\$ 1,548,180	19.4%	\$300,347	\$ 3,132,456	24.5%	\$379,304	\$ 3,915,597	25.3%	\$391,690	\$ 4,019,823
2025	1,590,755	19.4	308,606	3,162,505	24.5	389,735	3,953,158	25.3	402,461	4,058,384
2026	1,634,501	19.4	317,093	3,189,453	24.5	400,453	3,986,844	25.3	413,529	4,092,966
2027	1,679,450	19.4	325,813	3,212,941	24.5	411,465	4,016,204	25.3	424,901	4,123,108
2028	1,725,635	19.4	334,773	3,232,579	24.5	422,781	4,040,752	25.3	436,586	4,148,309
2029	1,773,090	19.4	343,979	3,247,947	24.5	434,407	4,059,962	25.3	448,592	4,168,031
2030	1,821,850	19.4	353,439	3,258,591	24.5	446,353	4,073,267	25.3	460,928	4,181,690
2031	1,871,951	19.4	363,158	3,264,020	24.5	458,628	4,080,054	25.3	473,604	4,188,657
2032	1,923,430	19.4	373,145	3,263,706	24.5	471,240	4,079,661	25.3	486,628	4,188,254
2033	1,976,324	19.4	383,407	3,257,078	24.5	484,199	4,071,376	25.3	500,010	4,179,748

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	
2024	\$ 1,548,180	28.9%	\$447,424	\$ 4,581,134	29.6%	\$458,261	\$ 4,698,712	32.5%	\$503,159	\$ 5,142,434
2025	1,590,755	28.9	459,728	4,625,079	29.6	470,863	4,743,785	32.5	516,995	5,191,764
2026	1,634,501	28.9	472,371	4,664,490	29.6	483,812	4,784,208	32.5	531,213	5,236,004
2027	1,679,450	28.9	485,361	4,698,840	29.6	497,117	4,819,440	32.5	545,821	5,274,563
2028	1,725,635	28.9	498,709	4,727,560	29.6	510,788	4,848,898	32.5	560,831	5,306,802
2029	1,773,090	28.9	512,423	4,750,036	29.6	524,835	4,871,950	32.5	576,254	5,332,031
2030	1,821,850	28.9	526,515	4,765,602	29.6	539,268	4,887,916	32.5	592,101	5,349,504
2031	1,871,951	28.9	540,994	4,773,542	29.6	554,097	4,896,060	32.5	608,384	5,358,417
2032	1,923,430	28.9	555,871	4,773,083	29.6	569,335	4,895,589	32.5	625,115	5,357,901
2033	1,976,324	28.9	571,158	4,763,390	29.6	584,992	4,885,647	32.5	642,305	5,347,020

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	
2024	\$ 1,548,180	34.7%	\$537,218	\$ 5,481,876	36.1%	\$558,893	\$ 5,703,714	39.7%	\$614,627	\$ 6,264,904
2025	1,590,755	34.7	551,992	5,534,462	36.1	574,263	5,758,428	39.7	631,530	6,325,001
2026	1,634,501	34.7	567,172	5,581,622	36.1	590,055	5,807,497	39.7	648,897	6,378,897
2027	1,679,450	34.7	582,769	5,622,726	36.1	606,281	5,850,265	39.7	666,742	6,425,873
2028	1,725,635	34.7	598,795	5,657,093	36.1	622,954	5,886,023	39.7	685,077	6,465,149
2029	1,773,090	34.7	615,262	5,683,988	36.1	640,085	5,914,006	39.7	703,917	6,495,885
2030	1,821,850	34.7	632,182	5,702,615	36.1	657,688	5,933,387	39.7	723,274	6,517,173
2031	1,871,951	34.7	649,567	5,712,116	36.1	675,774	5,943,273	39.7	743,165	6,528,031
2032	1,923,430	34.7	667,430	5,711,566	36.1	694,358	5,942,701	39.7	763,602	6,527,403
2033	1,976,324	34.7	685,784	5,699,967	36.1	713,453	5,930,632	39.7	784,601	6,514,147

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.





# Spanish Lake Fire Protection District - Fire

## Employer Contribution Rates (4% Member Contribution Rate, 3 Year FAS) (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 %	Annual	Accrued	As a %	Annual	Accrued	As a %	Annual	Accrued
		of Payroll	Dollars	Liability	of Payroll	Dollars	Liability	of Payroll	Dollars	Liability
2024	\$ 1,548,180	17.5%	\$270,932	\$ 3,132,456	22.6%	\$349,889	\$ 3,915,597	23.4%	\$362,274	\$ 4,019,823
2025	1,590,755	17.5	278,382	3,162,505	22.6	359,511	3,953,158	23.4	372,237	4,058,384
2026	1,634,501	17.5	286,038	3,189,453	22.6	369,397	3,986,844	23.4	382,473	4,092,966
2027	1,679,450	17.5	293,904	3,212,941	22.6	379,556	4,016,204	23.4	392,991	4,123,108
2028	1,725,635	17.5	301,986	3,232,579	22.6	389,994	4,040,752	23.4	403,799	4,148,309
2029	1,773,090	17.5	310,291	3,247,947	22.6	400,718	4,059,962	23.4	414,903	4,168,031
2030	1,821,850	17.5	318,824	3,258,591	22.6	411,738	4,073,267	23.4	426,313	4,181,690
2031	1,871,951	17.5	327,591	3,264,020	22.6	423,061	4,080,054	23.4	438,037	4,188,657
2032	1,923,430	17.5	336,600	3,263,706	22.6	434,695	4,079,661	23.4	450,083	4,188,254
2033	1,976,324	17.5	345,857	3,257,078	22.6	446,649	4,071,376	23.4	462,460	4,179,748

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	Annual	Accrued	As a % of	Annual	Accrued	As a % of	Annual	Accrued
		Payroll	Dollars	Liability	Payroll	Dollars	Liability	Payroll	Dollars	Liability
2024	\$ 1,548,180	27.0%	\$418,009	\$ 4,581,134	27.7%	\$428,846	\$ 4,698,712	30.6%	\$473,743	\$ 5,142,434
2025	1,590,755	27.0	429,504	4,625,079	27.7	440,639	4,743,785	30.6	486,771	5,191,764
2026	1,634,501	27.0	441,315	4,664,490	27.7	452,757	4,784,208	30.6	500,157	5,236,004
2027	1,679,450	27.0	453,452	4,698,840	27.7	465,208	4,819,440	30.6	513,912	5,274,563
2028	1,725,635	27.0	465,921	4,727,560	27.7	478,001	4,848,898	30.6	528,044	5,306,802
2029	1,773,090	27.0	478,734	4,750,036	27.7	491,146	4,871,950	30.6	542,566	5,332,031
2030	1,821,850	27.0	491,900	4,765,602	27.7	504,652	4,887,916	30.6	557,486	5,349,504
2031	1,871,951	27.0	505,427	4,773,542	27.7	518,530	4,896,060	30.6	572,817	5,358,417
2032	1,923,430	27.0	519,326	4,773,083	27.7	532,790	4,895,589	30.6	588,570	5,357,901
2033	1,976,324	27.0	533,607	4,763,390	27.7	547,442	4,885,647	30.6	604,755	5,347,020

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	Annual	Accrued	As a % of	Annual	Accrued	As a % of	Annual	Accrued
		Payroll	Dollars	Liability	Payroll	Dollars	Liability	Payroll	Dollars	Liability
2024	\$ 1,548,180	32.8%	\$507,803	\$ 5,481,876	34.2%	\$529,478	\$ 5,703,714	37.8%	\$585,212	\$ 6,264,904
2025	1,590,755	32.8	521,768	5,534,462	34.2	544,038	5,758,428	37.8	601,305	6,325,001
2026	1,634,501	32.8	536,116	5,581,622	34.2	558,999	5,807,497	37.8	617,841	6,378,897
2027	1,679,450	32.8	550,860	5,622,726	34.2	574,372	5,850,265	37.8	634,832	6,425,873
2028	1,725,635	32.8	566,008	5,657,093	34.2	590,167	5,886,023	37.8	652,290	6,465,149
2029	1,773,090	32.8	581,574	5,683,988	34.2	606,397	5,914,006	37.8	670,228	6,495,885
2030	1,821,850	32.8	597,567	5,702,615	34.2	623,073	5,933,387	37.8	688,659	6,517,173
2031	1,871,951	32.8	614,000	5,712,116	34.2	640,207	5,943,273	37.8	707,597	6,528,031
2032	1,923,430	32.8	630,885	5,711,566	34.2	657,813	5,942,701	37.8	727,057	6,527,403
2033	1,976,324	32.8	648,234	5,699,967	34.2	675,903	5,930,632	37.8	747,050	6,514,147

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.



# Spanish Lake Fire Protection District - Fire

## Employer Contribution Rates (6% Member Contribution Rate, 3 Year FAS) (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 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	
2024	\$ 1,548,180	15.6%	\$241,516	\$ 3,132,456	20.7%	\$320,473	\$ 3,915,597	21.5%	\$332,859	\$ 4,019,823
2025	1,590,755	15.6	248,158	3,162,505	20.7	329,286	3,953,158	21.5	342,012	4,058,384
2026	1,634,501	15.6	254,982	3,189,453	20.7	338,342	3,986,844	21.5	351,418	4,092,966
2027	1,679,450	15.6	261,994	3,212,941	20.7	347,646	4,016,204	21.5	361,082	4,123,108
2028	1,725,635	15.6	269,199	3,232,579	20.7	357,206	4,040,752	21.5	371,012	4,148,309
2029	1,773,090	15.6	276,602	3,247,947	20.7	367,030	4,059,962	21.5	381,214	4,168,031
2030	1,821,850	15.6	284,209	3,258,591	20.7	377,123	4,073,267	21.5	391,698	4,181,690
2031	1,871,951	15.6	292,024	3,264,020	20.7	387,494	4,080,054	21.5	402,469	4,188,657
2032	1,923,430	15.6	300,055	3,263,706	20.7	398,150	4,079,661	21.5	413,537	4,188,254
2033	1,976,324	15.6	308,307	3,257,078	20.7	409,099	4,071,376	21.5	424,910	4,179,748

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	
2024	\$ 1,548,180	25.1%	\$388,593	\$ 4,581,134	25.8%	\$399,430	\$ 4,698,712	28.7%	\$444,328	\$ 5,142,434
2025	1,590,755	25.1	399,280	4,625,079	25.8	410,415	4,743,785	28.7	456,547	5,191,764
2026	1,634,501	25.1	410,260	4,664,490	25.8	421,701	4,784,208	28.7	469,102	5,236,004
2027	1,679,450	25.1	421,542	4,698,840	25.8	433,298	4,819,440	28.7	482,002	5,274,563
2028	1,725,635	25.1	433,134	4,727,560	25.8	445,214	4,848,898	28.7	495,257	5,306,802
2029	1,773,090	25.1	445,046	4,750,036	25.8	457,457	4,871,950	28.7	508,877	5,332,031
2030	1,821,850	25.1	457,284	4,765,602	25.8	470,037	4,887,916	28.7	522,871	5,349,504
2031	1,871,951	25.1	469,860	4,773,542	25.8	482,963	4,896,060	28.7	537,250	5,358,417
2032	1,923,430	25.1	482,781	4,773,083	25.8	496,245	4,895,589	28.7	552,024	5,357,901
2033	1,976,324	25.1	496,057	4,763,390	25.8	509,892	4,885,647	28.7	567,205	5,347,020

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	
2024	\$ 1,548,180	30.9%	\$478,388	\$ 5,481,876	32.3%	\$500,062	\$ 5,703,714	35.9%	\$555,797	\$ 6,264,904
2025	1,590,755	30.9	491,543	5,534,462	32.3	513,814	5,758,428	35.9	571,081	6,325,001
2026	1,634,501	30.9	505,061	5,581,622	32.3	527,944	5,807,497	35.9	586,786	6,378,897
2027	1,679,450	30.9	518,950	5,622,726	32.3	542,462	5,850,265	35.9	602,923	6,425,873
2028	1,725,635	30.9	533,221	5,657,093	32.3	557,380	5,886,023	35.9	619,503	6,465,149
2029	1,773,090	30.9	547,885	5,683,988	32.3	572,708	5,914,006	35.9	636,539	6,495,885
2030	1,821,850	30.9	562,952	5,702,615	32.3	588,458	5,933,387	35.9	654,044	6,517,173
2031	1,871,951	30.9	578,433	5,712,116	32.3	604,640	5,943,273	35.9	672,030	6,528,031
2032	1,923,430	30.9	594,340	5,711,566	32.3	621,268	5,942,701	35.9	690,511	6,527,403
2033	1,976,324	30.9	610,684	5,699,967	32.3	638,353	5,930,632	35.9	709,500	6,514,147

Notes regarding the above projections:

- 1) The purpose of the above projections is to comply with the requirements of Section 105.665 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 2.75%.
- 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 28<sup>th</sup> 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.

