



March 6, 2026 E-Mail

Ms. Mya Bernskoetter  
Employer Reporting Analyst  
Missouri Local Government  
Employees Retirement System  
P.O. Box 1665  
Jefferson City, Missouri 65102

**Re: Northland Regional Ambulance District (#9027)**

Dear Mya:

As you requested, we have performed actuarial valuations as of February 28, 2025 for the active and deferred members reported as Public Safety members and the remaining active and deferred members of the General department of the Northland Regional Ambulance District.

**Section A – Summary of Employer Contribution Rates as a Percent of Payroll**

	<u>Present Plan</u>	<u>Alternate Plan</u>	
	<u>Current General</u>	<u>Remaining General Subdepartments</u>	<u>New Public Safety Subdepartment</u>
Normal Cost Rate	4.80%	4.90%	6.80%
Casualty Rate	0.30	0.30	0.30
Prior Service Cost Rate <sup>1</sup>	<u>3.70</u>	<u>9.30</u>	<u>5.70</u>
Total Employer Contribution Rate	8.80%	14.50%	12.80%
<b>Change in Employer Contribution Rate as a percent of payroll</b>		<b>5.70%</b>	<b>4.00%</b>
<b>Increase in Actuarial Accrued Liability <sup>1</sup></b>		<b>\$0</b>	<b>\$801,726</b>

<sup>1</sup> The increase in the actuarial accrued liability due to adoption of the alternate plan was amortized over a 20 year period to compute the increase in the Prior Service Cost Rate.

The Current General and Remaining General Subdepartments results shown above are based upon General benefit provisions (age 60 and 5 years unreduced retirement eligibility; age 55 and 5 years reduced retirement eligibility; deferred age equal to 60). The New Public Safety Subdepartment results shown above are based upon Public Safety benefit provisions (age 55 and 5 years unreduced retirement eligibility; age 50 and 5 years reduced retirement eligibility; deferred age equal to 55).



**Section B – Additional Details**

	Present Plan	Alternate Plan		Alternate Plan
	General	General		Public Safety
	Benefit Provisions	Benefit Provisions		Benefit Provisions
	Current General	Remaining General Subdepartments	New Public Safety Subdepartment	New Public Safety Subdepartment
<u>Member Statistics</u>				
Number Active	30	3	27	27
Payroll	\$2,555,515	\$206,331	\$2,349,184	\$2,349,184
Average Pay	85,184	68,777	87,007	87,007
Accumulated Contributions (Actives)	629,069	54,254	574,815	574,815
Number Deferred	12	12	0	0
<u>Actuarial Accrued Liabilities (AAL)</u>				
Active AAL	\$3,421,780	\$299,595	\$3,122,185	\$3,923,911
Deferred AAL	510,738	510,738	0	0
Total AAL	\$3,932,518	\$810,333	\$3,122,185	\$3,923,911
Increase AAL - Public Safety Provisions and Assumptions				\$801,726
<u>Actuarial Value of Assets</u>				
Members Deposit Fund (MDF)	\$732,220	\$157,405	\$574,815	\$574,815
Employer Accumulation Fund (EAF) <sup>1</sup>	2,093,888	424,942	1,668,946	1,668,946
Total Assets	\$2,826,108	\$582,347	\$2,243,761	\$2,243,761
Funded Ratio	71.9%	71.9%	71.9%	57.2%
Unfunded Actuarial Accrued Liability (UAAL)	\$1,106,410	\$227,986	\$878,424	\$1,680,150
<u>Computed Employer Contribution Rate</u>				
Normal Cost Rate	4.80%	4.90%	4.80%	6.80%
Casualty Rate	0.30	0.30	0.30	0.30
Prior Service Cost Rate	3.70	9.30	3.20	5.70
Total Employer Contribution Rate	8.80%	14.50%	8.30%	12.80%
Estimated First Year Employer Contribution Dollars	\$224,885	\$29,918	\$194,982	\$300,696

1 Assets allocated to each division are estimated.

The Present Plan results (Current General) shown above are based upon General benefit provisions (age 60 and 5 years unreduced retirement eligibility; age 55 and 5 years reduced retirement eligibility; deferred age equal to 60) and General assumptions.

Please note that the results for the current General department are the same as those reported for the General department in the February 28, 2025 annual actuarial valuation report for the Northland Regional Ambulance District. The Alternate Plan results shown in the middle two columns are based upon General benefit provisions and assumptions but with the General department separated into the requested subdepartments. Adding the results for the requested subdepartments using General benefit provisions and assumptions may not match the current General results due to rounding.

The Alternate Plan results shown in the right most column for the New Public Safety Subdepartment are based upon Public Safety benefit provisions (age 55 and 5 years unreduced retirement eligibility; age 50 and 5 years reduced retirement eligibility; deferred age equal to 55) and Public Safety assumptions.

For members proposed to be covered in the New Public Safety subdepartment, the actuarial accrued liability increased by \$801,726 and is amortized over 20 years based on the funding policy for benefit changes.



Per LAGERS staff, employer assets were split between the remaining General and new Public Safety subdepartments so that each subdepartment's funded percent would be the same as the current General department based upon the General benefit provisions and assumptions as of February 28, 2025. This would require an accounting transfer based on market value, as of February 28, 2025, of \$388,989 of employer assets staying in the General Department with the remainder being transferred to the Public Safety department. Depending upon actual experience after the valuation date as of February 28, 2025 (e.g., members changing status after the valuation date), an additional asset transfer may be necessary as of the first annual valuation date after the election is made to add the new subdepartment.

**Section C – Projections**

Below are 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.

**Remaining General Subdepartments**

Under the Present and Alternate Plans, members are valued using General benefit provisions and assumptions.

Valuation Date	Estimated Projected Payroll	Present Plan			Alternate Plan			Change due to Proposed Provisions		
		Estimated Employer Contribution		Estimated Difference Between AAL and AVA	Estimated Employer Contribution		Estimated Difference Between AAL and AVA	Estimated Employer Contribution		Estimated Difference Between AAL and AVA
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2025	\$ 206,331	8.80%	\$ 18,157	\$ 227,986	14.50%	\$ 29,918	\$ 227,986	5.70%	\$ 11,761	\$ 0
2026	212,005	8.80%	18,656	224,009	14.50%	30,741	224,009	5.70%	12,085	-
2027	217,835	8.80%	19,169	219,206	14.50%	31,586	219,206	5.70%	12,417	-
2028	223,825	8.80%	19,697	213,503	14.50%	32,455	213,503	5.70%	12,758	-
2029	229,980	8.80%	20,238	206,822	14.50%	33,347	206,822	5.70%	13,109	-
2030	236,304	8.20%	19,377	199,078	13.90%	32,846	199,078	5.70%	13,469	-
2031	242,802	8.30%	20,153	193,751	14.00%	33,992	193,751	5.70%	13,839	-
2032	249,479	8.10%	20,208	186,778	13.80%	34,428	186,778	5.70%	14,220	-
2033	256,340	8.50%	21,789	179,949	14.20%	36,400	179,949	5.70%	14,611	-
2034	263,389	8.60%	22,651	169,749	14.30%	37,665	169,749	5.70%	15,014	-

**New Public Safety Subdepartment**

Under the Present Plan, members eligible to be considered Public Safety members are valued using General plan provisions and assumptions. Under the Alternate Plan, these members are valued using Public Safety plan provisions and assumptions. The projections below only include members eligible for the Public Safety subdepartment.

Valuation Date	Estimated Projected Payroll	Present Plan			Alternate Plan			Change due to Proposed Provisions		
		Estimated Employer Contribution		Estimated Difference Between AAL and AVA	Estimated Employer Contribution		Estimated Difference Between AAL and AVA	Estimated Employer Contribution		Estimated Difference Between AAL and AVA
		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars		As a % of Payroll	Annual Dollars	
2025	\$ 2,349,184	8.80%	\$ 206,728	\$ 878,424	12.80%	\$ 300,696	\$ 1,680,150	4.00%	\$ 93,968	\$ 801,726
2026	2,413,787	8.80%	212,413	863,102	12.80%	308,965	1,659,601	4.00%	96,552	796,499
2027	2,480,166	8.80%	218,255	844,595	12.80%	317,461	1,633,814	4.00%	99,206	789,219
2028	2,548,371	8.80%	224,257	822,622	12.80%	326,191	1,602,317	4.00%	101,934	779,695
2029	2,618,451	8.80%	230,424	796,880	12.80%	335,162	1,564,604	4.00%	104,738	767,724
2030	2,690,458	8.20%	220,618	767,044	12.20%	328,236	1,520,129	4.00%	107,618	753,085
2031	2,764,446	8.30%	229,449	746,516	12.30%	340,027	1,482,056	4.00%	110,578	735,540
2032	2,840,468	8.10%	230,078	719,649	12.10%	343,697	1,434,484	4.00%	113,619	714,835
2033	2,918,581	8.50%	248,079	693,341	12.50%	364,823	1,384,036	4.00%	116,744	690,695
2034	2,998,842	8.60%	257,900	654,038	12.60%	377,854	1,316,864	4.00%	119,954	662,826



## Section D – Assumptions and Benefit Provisions

The results shown for each subdepartment only include members reported to LAGERS as of the valuation date, February 28, 2025. For the Public Safety department split calculations included in this letter, please note the following:

- 1) A general active member as of the annual valuation date and identified as an active participant of the Public Safety subdepartment in the data submission is considered to be an active member in the Public Safety subdepartment.
- 2) A general deferred member as of the annual valuation date and identified as a participant of the Public Safety subdepartment in the data submission is considered to be a deferred member in the Public Safety subdepartment only if the member is also an active Police or Fire member with this employer as of the annual valuation date.

The methods and assumptions used in the actuarial valuations were the same as those used in the annual actuarial valuations as of February 28, 2025. In particular, the assumed rate of investment return was 7.00% and the assumed rate of payroll growth was 2.75%.

The actuarial valuation results presented on the previous pages are based upon the employer's benefit provisions as of February 28, 2025. A summary follows:

Provisions	ER #9027
Benefit Program	LT-8(65)
Final Average Salary	5 Years
Member Contribution Rate	4%
Retirement Eligibility	Regular

The long-term cost (C) of providing retirement benefits depends only on the benefits (B) that are paid to participants, the expenses (E) of administering the plan, and the investment return (I) generated on invested assets:  $C = B + E - I$ . For a given level of benefits, the cost of providing those benefits is lowered if administrative expenses are lowered or investment income is increased.

The long-term costs are financed by a series of employer and member contributions. The series of contributions is flexible. If more is contributed in early years, less has to be contributed in later years, and vice-versa. Over time the series of contributions has to have the same value as benefits and expenses. The actuary determines each year's contribution based on a funding method and a set of actuarial assumptions. The chosen funding method and assumptions do not affect the long term cost of providing retirement benefits, but have a strong impact on the series of contributions made to fund the benefits.

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.



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

Please call if you have any questions.

Sincerely,  
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

MDD:dj

cc: Judith Kermans (GRS)  
Michael Gano (GRS)



