

# PERAC

COMMONWEALTH OF MASSACHUSETTS | PUBLIC EMPLOYEE RETIREMENT ADMINISTRATION COMMISSION

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## MEMORANDUM

TO: Essex Regional Retirement Board

FROM: John W. Parsons, Esq., Executive Director

RE: Approval of Funding Schedule

DATE: September 12, 2022

This Commission is hereby furnishing you with approval of the revised funding schedule you recently adopted (copy enclosed). The schedule assumes payments are made on July 1 of each fiscal year. The schedule is effective in FY23 (since the amount under the prior schedule was maintained in FY23) and is acceptable under Chapter 32.

The revised schedule reflects a reduction in the investment return assumption from 7.30% to 7.0% and a slight adjustment to the mortality assumption. The schedule also reflects an increase in the COLA base to \$16,000.

If you have any questions, please contact PERAC's Actuary, John Boorack, at (617) 666-4446, extension 935.

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## Section 2: Actuarial Valuation Results

### Funding schedule

(1) Fiscal Year Ended June 30	(2) Employer Normal Cost	(3) Amortization of ERI (2002) Liability	(4) Amortization of ERI (2003) Liability	(5) Amortization of Remaining Liability	(6) Actuarially Determined Contribution (ADC): (2)+(3)+(4)+(5)	(7) Total UAL at Beginning of Fiscal Year	(8) Percent Increase in ADC Over Prior Year
2023	\$9,856,270	\$10,049	\$9,333	\$34,637,093	\$44,512,745	\$432,172,282	--
2024	10,165,422	10,501	9,753	37,220,397	47,406,073	425,341,913	6.50%
2025	10,484,183	10,974	10,191	39,982,120	50,487,468	415,268,350	6.50%
2026	10,812,848	11,468	10,650	42,934,187	53,769,153	401,533,620	6.50%
2027	11,151,722	11,984	11,129	46,089,313	57,264,148	383,677,727	6.50%
2028	11,501,123	12,523	11,630	49,461,042	60,986,318	361,194,872	6.50%
2029	11,861,372	0	0	53,089,057	64,950,429	333,529,354	6.50%
2030	12,232,806	0	0	55,315,640	67,548,446	300,071,118	4.00%
2031	12,615,768	0	0	57,634,616	70,250,384	261,888,361	4.00%
2032	13,010,614	0	0	60,049,785	73,060,399	218,551,507	4.00%
2033	13,417,709	0	0	62,565,106	75,982,815	169,596,843	4.00%
2034	13,837,432	0	0	65,184,696	79,022,128	114,523,959	4.00%
2035	14,270,171	0	0	52,793,011	67,063,182	52,793,011	-15.13%
2036	14,716,326	0	0	0	14,716,326	0	-78.06%

Notes:

Fiscal 2023 Actuarially Determined Contribution set equal to budgeted amount

Actuarially Determined Contributions are assumed to be paid on July 1

Item (2) reflects 2.75% growth in payroll, plus an additional 0.15% adjustment to total normal cost to reflect the effects of mortality improvement due to generational mortality assumption

Projected normal cost does not reflect the impact of pension reform for future hires

Projected unfunded actuarial accrued liability does not reflect the recognition of deferred investment gains/losses