



Cavanaugh Macdonald
CONSULTING, LLC

The experience and dedication you deserve

October 8, 2018

Ms. Judy McNeal
Chief Financial Officer
Kansas Public Employees Retirement System
611 S. Kansas Ave., Ste. 100
Topeka, KS 66603

Re:

Dear Judy:

Enclosed is our Actuarial Certification of the unfunded actuarial liability of the above named employer upon affiliation for prior service with the Kansas Police and Firemen's Retirement System as of January 1, 2019. The salary and member data used was provided by the employer. We have assumed that all members listed meet the statutory requirements for eligibility.

Since this agency is currently covered by KPERS, our calculations assume an asset transfer of two times the employee account balances. Our calculation of the contribution rate for the fiscal year beginning in 2020 assumes the rate applies as of January 1, 2020 and a 16% employer rate applies for the fiscal year beginning January 1, 2019.

Enclosed is an amortization schedule for the UAL which is based on a level-dollar payment on January 1 of each year.

Our bill for the actuarial services performed in connection with the application is also enclosed. Please forward it to the appropriate person.

Sincerely,

Patrice A. Beckham, F.S.A.
Principal and Consulting Actuary

Enclosures



KANSAS POLICE & FIREMEN'S RETIREMENT SYSTEM
Actuarial Certification of Contribution Rate for Calendar Year 2019

Group Affiliating -

Proposed affiliation date - January 1, 2019

Current coverage under KPERs - Yes

Data on employees

Number	32
Average age	44.0
Average prior service	12.6
Estimated 2019 annual payroll	\$ 1,557,352

EMPLOYER CONTRIBUTION RATE (Calendar Year Beginning 1/1/2020)

Calculation of Unfunded Actuarial Liability

Actuarial Liability as of 1/1/2019	\$ 4,883,359
Estimated Assets as of 1/1/2019	\$ 3,137,566
Unfunded actuarial liability (UAL) as of 1/1/2019	\$ 1,745,793
Unfunded actuarial liability (UAL) as of 1/1/2020	\$ 1,744,809

Amortization of UAL as a Level Dollar Amount Payable January 1

Amortization Period as of 1/1/2020	UAL Payment *
10	\$ 238,611
15	\$ 186,306

* Payable January 1 each year. If payments are made after January 1, the amount should be adjusted to the actual payment date using an annual interest rate of 7.75%.

Patrice Beckham

Patrice A. Beckham, F.S.A.
Principal and Consulting Actuary
Cavanaugh Macdonald Consulting, LLC



KANSAS POLICE & FIREMEN'S RETIREMENT SYSTEM
Amortization Schedule for Payment
of Unfunded Actuarial Liability Upon
Affiliation for Prior Service

Affiliation Date: January 1, 2019

<u>Year</u>	<u>Beginning Balance</u>	<u>January 1 Payment</u>	<u>Ending Balance</u>
2020	1,744,809	186,306	1,679,287
2021	1,679,287	186,306	1,608,687
2022	1,608,687	186,306	1,532,616
2023	1,532,616	186,306	1,450,649
2024	1,450,649	186,306	1,362,330
2025	1,362,330	186,306	1,267,166
2026	1,267,166	186,306	1,164,627
2027	1,164,627	186,306	1,054,141
2028	1,054,141	186,306	935,092
2029	935,092	186,306	806,817
2030	806,817	186,306	668,601
2031	668,601	186,306	519,673
2032	519,673	186,306	359,203
2033	359,203	186,306	186,297
2034	186,297	186,297	0



KPERS-509A Rev. 6/17

DATA SHEET

For security reasons, do not submit this form by email.

■ **Contact Us** – toll free: 1-888-275-5737 • phone: 785-296-6166 • fax: 785-296-6638
email: kpers@kpers.org • web site: kpers.org • mail: 611 S. Kansas Ave., Suite 100, Topeka, KS 66603

Employer Name: _____

Name of Employee	Birth Date	Social Security Number	Date of Hire	Annual Rate of Pay	Years of Service through 12/31/____	
					Years	Months
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____
_____	___/___/___	__-__-__	___/___/___	\$_____	_____	_____

Date of First Check: ___/___/___

Payroll Period of First Check: ___/___/___ to ___/___/___

Number of Pay Periods: _____