### SACRAMENTO COUNTY EMPLOYEES' RETIREMENT SYSTEM

### COST-SHARING MULTIPLE-EMPLOYER DEFINED BENEFIT PENSION PLAN

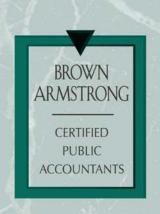
SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION AMOUNTS BY EMPLOYER

FOR EMPLOYER REPORTING AS OF JUNE 30, 2019 USING A MEASUREMENT DATE OF JUNE 30, 2018

# SACRAMENTO COUNTY EMPLOYEES' RETIREMENT SYSTEM COST-SHARING MULTIPLE-EMPLOYER DEFINED BENEFIT PENSION PLAN SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION AMOUNTS BY EMPLOYER FOR EMPLOYER REPORTING AS OF JUNE 30, 2019 USING A MEASUREMENT DATE OF JUNE 30, 2018

#### **TABLE OF CONTENTS**

	<u>Page</u>
Independent Auditor's Report	1
Schedule of Employer Allocations	3
Schedule of Pension Amounts by Employer	4
Notes to Schedules of Employer Allocations and Pension Amounts by Employer	5



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### **BROWN ARMSTRONG**

Certified Public Accountants

#### INDEPENDENT AUDITOR'S REPORT

To the Board of Retirement of Sacramento County Employees' Retirement System Sacramento, California

#### **Report on the Schedules**

We have audited the accompanying schedule of employer allocations of the Sacramento County Employees' Retirement System (SCERS) Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (the Plan) as of and for the fiscal year ended June 30, 2018, and the related notes. We have also audited the total for all participating employers of the columns titled net pension liability, total deferred outflows of resources, total deferred inflows of resources, and total pension expense excluding that attributable to employer-paid member contributions (specified column totals) included in the accompanying schedule of pension amounts by employer of the Plan as of and for the fiscal year ended June 30, 2018, and the related notes.

#### Management's Responsibility for the Schedules

Management is responsible for the preparation and fair presentation of these schedules in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of schedules that are free from material misstatement, whether due to fraud or error.

#### **Auditor's Responsibility**

Our responsibility is to express opinions on the schedule of employer allocations and the specified column totals included in the schedule of pension amounts by employer based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the schedule of employer allocations and specified column totals included in the schedule of pension amounts by employer are free from material misstatement.

Our audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the schedule of employer allocations and specified column totals included in the schedule of pension amounts by employer. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the schedule of employer allocations and specified column totals included in the schedule of pension amounts by employer, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to SCERS' preparation and fair presentation of the schedule of employer allocations and the specified column totals included in the schedule of pension amounts by employer in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of SCERS' internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the schedule of employer allocations and specified column totals included in the schedule of pension amounts by employer.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

#### **Opinions**

In our opinion, the schedules referred to above present fairly, in all material respects, the employer allocations as of and for the fiscal year ended June 30, 2018, and net pension liability, total deferred outflows of resources, total deferred inflows of resources, and total pension expense excluding that attributable to employer-paid member contributions for the total of all participating employers for SCERS as of and for the fiscal year ended June 30, 2018, in accordance with accounting principles generally accepted in the United States of America.

#### **Other Matters**

We have audited, in accordance with auditing standards generally accepted in the United States of America, the financial statements of SCERS as of and for the fiscal year ended June 30, 2018, and our report thereon, dated December 6, 2018, expressed an unmodified opinion on those financial statements.

#### **Restriction on Use**

Our report is intended solely for the information and use of SCERS' management, the Board of Retirement of SCERS, and the Plan participating employers and their auditors and is not intended to be, and should not be, used by anyone other than these specified parties.

BROWN ARMSTRONG ACCOUNTANCY CORPORATION

Brown Armstrong Secountancy Corporation

Bakersfield, California May 13, 2019

## SACRAMENTO COUNTY EMPLOYEES' RETIREMENT SYSTEM COST-SHARING MULTIPLE-EMPLOYER DEFINED BENEFIT PENSION PLAN SCHEDULE OF EMPLOYER ALLOCATIONS AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2018

Employer Name	Miscellaneous Employer Contributions	Employer Allocation Percentage <sup>1</sup>		
Carmichael Recreation and Park District County of Sacramento Elk Grove Cosumnes Cemetery District Fair Oaks Cemetery District Galt-Arno Cemetery District Mission Oaks Recreation and Park District Orangevale Recreation and Park District Rio Linda Elverta Recreation and Park District Sacramento Employment and Training Agency Sunrise Recreation and Park District	\$ 296,000 102,168,000 63,000 53,000 17,000 315,000 148,000 31,000 <sup>2</sup> 6,127,000 655,000	0.249% 85.941% 0.053% 0.045% 0.014% 0.265% 0.125% 0.026% 5.154% 0.551%		
Superior Court of California, County of Sacramento	9,008,000 \$ 118,881,000 <sup>3</sup>	7.577%		

<sup>&</sup>lt;sup>1</sup> The unrounded percentages are used in the allocation of the net pension liability (NPL) amongst the Miscellaneous employers.

<sup>&</sup>lt;sup>2</sup> Rio Linda Elverta Recreation and Park District joined the System on October 1, 2017. In accordance with the requirements of Governmental Accounting Standards Board (GASB) Statement No. 68, *Accounting and Financial Reporting for Pensions - an amendment of GASB Statement No.* 27, an adjustment was made to annualize Rio Linda Elverta Recreation and Park District's contributions so that each employer's proportion is determined using a measure of required contributions over the same period of time. The \$31,000 was calculated by annualizing the \$23,000 in actual contributions made during the nine months in fiscal year 2017/2018.

<sup>&</sup>lt;sup>3</sup> Excludes a contribution of \$3,300,000 made by Sacramento Metropolitan Fire District for Florin Fire Protection District that had previously withdrawn from SCERS as an active employer, and safety employer contributions of \$79,458,000 made by the County of Sacramento.

# SACRAMENTO COUNTY EMPLOYEES' RETIREMENT SYSTEM COST-SHARING MULTIPLE-EMPLOYER DEFINED BENEFIT PENSION PLAN SCHEDULE OF PENSION AMOUNTS BY EMPLOYER AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2018

		Deferred Outflows of Resources Deferred Inflows of Resources			Pension Expense Excluding that Attributable to Employer-Paid Member Contributions							
Employer	Net Pension Liability	Differences Between Expected and Actual Experience	Changes in Assumptions	Changes in Proportion and Differences Between Employer's Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Experience	Net Difference Between Projected and Actual Earnings on Pension Plan Investments <sup>2</sup>	Changes in Proportion and Differences Between Employer's Contributions and Proportionate Share of Contributions	Total Deferred Inflows of Resources	Proportionate Share of Allocable Plan Pension Expense	Net Amortization of Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Pension Expense Excluding that Attributable to Employer-Paid Member Contributions
Miscellaneous Membership Class:												
Carmichael Recreation and Park District	\$ 2,718,183	\$ 600	\$ 669,895			\$ 60,061	\$ 184,673					
County of Sacramento	938,213,737	207,141	231,222,433	118,191	231,547,765	20,730,640	63,741,865	6,546,029	91,018,534	192,260,654	(2,544,908)	189,715,746
Elk Grove Cosumnes Cemetery District	578,532	128	142,579	79,461	222,168	12,783	39,306	8,775	60,864	118,554	10,663	129,217
Fair Oaks Cemetery District	486,702	107	119,948	61,297	181,352	10,754	33,067	41,649	85,470	99,736	14,171	113,907
Galt-Arno Cemetery District	156,112 2.892.660	34 639	38,474 712.895	47,314	85,822 1,136,712	3,449	10,606 196,526	56.879	14,055 317,321	31,991 592,769	15,220	47,211
Mission Oaks Recreation and Park District Orangevale Recreation and Park District		300		423,178		63,916					153,371	746,140
Rio Linda Elverta Recreation and Park District	1,359,091 284,675	63	334,947	23,057	358,304 239.372	30,030	92,336 19.341	27,381	149,747 31.990	278,507	(7,020) 41,956	271,487
Sacramento Employment and Training Agency	56,264,540	12.422	70,158 13,866,375	169,151 1.772,778	15.651.575	6,290 1,243,213	3,822,590	6,359 17.129	5,082,932	58,337 11,529,842	341,691	100,293 11.871.533
Surrise Recreation and Park District	6,014,897	1,328	1,482,369	1,132,182	2.615.879	132.904	408,650	17,129	541.554	1,232,585	380,397	1,612,982
Superior Court of California, County of Sacramento	82,720,904	18,263	20,386,537	2,883,885	23,288,685	1,827,790	5,620,025	152,231	7,600,046	16,951,335	1,510,064	18,461,399
Subtotal	1,091,690,033	241,025	269,046,610	6,921,036	276,208,671	24,121,830	74,168,985	6,921,036	105,211,851	223,711,326		223,711,326
Safety Membership Class: County of Sacramento	869,635,967	16,524,343	205,634,882		222,159,225	23,215,657	50,245,479		73,461,136	163,225,594		163,225,594
Total for All Employers	\$ 1,961,326,000	\$ 16,765,368	\$ 474,681,492	\$ 6,921,036	\$ 498,367,896	\$ 47,337,487	\$ 124,414,464	\$ 6,921,036	\$ 178,672,987	\$ 386,936,920	\$ -	\$ 386,936,920

<sup>1</sup> Excludes a liability of \$44,863,118 for Florin Fire Protection District that had previously withdrawn from SCERS as an active employer. This is based on the latest estimate available as of June 30, 2017, adjusted with interest at the assumed rate of investment return to June 30, 2018, and with contributions made

during fiscal year 2017-2018.

The Difference Between Projected and Actual Earnings on Pension Plan Investments in different measurement periods are reported at net in accordance with the requirements of GASB Statement No. 68.

# SACRAMENTO COUNTY EMPLOYEES' RETIREMENT SYSTEM COST-SHARING MULTIPLE-EMPLOYER DEFINED BENEFIT PENSION PLAN NOTES TO SCHEDULES OF EMPLOYER ALLOCATIONS AND PENSION AMOUNTS BY EMPLOYER AS OF AND FOR THE FISCAL YEAR ENDED JUNE 30, 2018

#### **NOTE 1 – PLAN DESCRIPTION**

The Sacramento County Employees' Retirement System (SCERS or the System) is a cost-sharing multiple-employer public employee retirement system which operates under the County Employees Retirement Law of 1937 (Section 31450 et seq. of the California Government Code) and the California Public Employees' Pension Reform Act of 2013 (CalPEPRA). The System was created by resolution of the Sacramento County (the County) Board of Supervisors on July 1, 1941, to provide retirement, disability, and death benefits for qualified employees of the County and participating Special Districts (Special Districts or Member Districts). SCERS is governed by a nine member Board of Retirement; four are appointed by the County Board of Supervisors, four are elected by the members of the System (two by the Miscellaneous members, one by the Safety members, and one by the Retiree members), and the County Director of Finance serves as an Ex-Officio member. An alternate Safety member and an alternate Retiree member are also elected by those respective member groups. The System is legally and fiscally independent of the County.

At June 30, 2018, participating local government employers consisted of the County of Sacramento; Superior Court of California, County of Sacramento; and twelve Special Districts, three of the twelve Special Districts have withdrawn from the System and are excluded from the Schedule of Employer Allocations and the Schedule of Pension Amounts by Employer. The System's membership consists of Miscellaneous and Safety members.

#### NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING AND REPORTING POLICIES

#### Basis of Presentation and Basis of Accounting

Employers participating in the Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (the Plan) are required to report pension information in their financial statements in accordance with Governmental Accounting Standards Board (GASB) Statement No. 68, *Accounting and Financial Reporting for Pensions - an amendment of GASB Statement No. 27.* The Schedule of Employer Allocations, Schedule of Pension Amounts by Employer, the GASB Statement No. 68 Actuarial Valuation Based on June 30, 2018 Measurement Date prepared by the System's third-party actuary, and the System's audited financial statements provide employers with the required information for financial reporting related to the System pensions.

The accompanying schedules were prepared by the System's independent actuary and were derived from information provided by the System in accordance with accounting principles generally accepted in the United States of America as applicable to governmental organizations.

Contributions to the Plan are made pursuant to Section 31584 of the County Employees Retirement Law of 1937. The System's funding policy provides for periodic contributions at actuarially-determined rates that, expressed as percentages of annual covered payroll, along with investment earnings are sufficient to accumulate adequate assets to pay benefits when legally due. Each employer of the System is obligated by state law to make all required contributions to the Plan and, depending on the participating employer and their employees' tiers, such contribution rates range from 7.93% to 41.30% of covered payroll for fiscal year 2017-18.

#### Use of Estimates in the Preparation of the Schedules

The preparation of the Schedules of Employer Allocations and Pension Amounts by Employer in conformity with accounting principles generally accepted in the United States of America requires management to make significant estimates and assumptions that affect the reported amounts during the reporting period. Actual results could differ from those estimates.

#### **NOTE 3 – PROPORTIONATE SHARES**

Pension amounts are determined separately for the Miscellaneous and Safety membership classes based on their benefit provisions, actuarial experience, receipts, and expenses. The total pension liability for each membership class was calculated based on the participants in and benefits provided for the respective membership class, and the Plan's fiduciary net position was determined in proportion to the valuation value of assets for each membership class.

The County is the sole active employer in the Safety membership class that made contributions in fiscal year 2017/2018; therefore 100% of pension amounts for the Safety membership class is allocated to the County.

For the Miscellaneous membership class, legally or statutorily required contributions for the Miscellaneous employers for the fiscal year ended June 30, 2018, are used as the basis for determining each Miscellaneous employer's proportion of pension amounts. The legally or statutorily required contributions are based on employer reporting to the Plan and may include adjustments. The employer's proportion may be applied to the total pension amounts in the current measurement period to determine the employer's proportionate share of the Miscellaneous membership class pension amounts. The Miscellaneous employers' proportions are determined as follows:

- First calculate the ratio of the employer's contributions to the total contributions for the membership class.
- This ratio is multiplied by the net pension liability, deferred outflows of resources, deferred inflows of resources, and pension expense for the Miscellaneous membership class to determine the employer's proportionate share of the related pension amounts.

Total contributions reported in the Schedule of Employer Allocations differ from the amount reported in the System's Comprehensive Annual Financial Report (CAFR) as of and for the fiscal year ended June 30, 2018, as the Schedule of Employer Allocations excludes employer contributions of \$3,300,000 made by Sacramento Metropolitan Fire District for Florin Fire Protection District, which had previously withdrawn from SCERS as an active employer, and safety employer contributions of \$79,458,000 made by the County of Sacramento. Rio Linda Elverta Recreation and Park District joined the System on October 1, 2017. In accordance with the requirements of GASB Statement No. 68, Accounting and Financial Reporting for Pensions - an amendment of GASB Statement No. 27, an adjustment was made to annualize Rio Linda Elverta Recreation and Park District's contributions so that each employer's proportion is determined using a measure of required contributions over the same period of time. The \$31,000 was calculated by annualizing the \$23,000 in actual contributions made during the nine months in fiscal year 2017-2018.

#### NOTE 4 – ACTUARIAL METHODS AND ASSUMPTIONS

#### Actuarial Methods and Assumptions Used to Determine Total Pension Liability

The components of the Plan's net pension liability as of June 30, 2018, are as follows (dollars expressed in thousands):

Total Pension Liability Less: Plan Fiduciary Net Position	\$ 11,213,263 9,251,937
Net Pension Liability of Employers	\$ 1,961,326
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	82.51%

#### Actuarial Methods and Assumptions Used to Determine Total Pension Liability (Continued)

For the measurement period ended June 30, 2018 (the measurement date), the following significant actuarial assumptions were used to measure the total pension liability:

Discount Rate: 7.00%

Inflation Rate: 3.00%

Real Across-the-Board Salary Increase: 0.25%

Miscellaneous Projected Salary Increases\*: 4.50% to 8.25%

Safety Projected Salary Increase\*: 5.25% to 10.75%

Assumed Post-Retirement Benefit Increase: Miscellaneous Tier 1 3.00%

 Miscellaneous Tier 2
 0.00%

 Miscellaneous Tier 3
 2.00%

 Miscellaneous Tier 4
 2.00%

 Miscellaneous Tier 5
 2.00%

 Safety Tier 1
 3.00%

 Safety Tier 2
 2.00%

 Safety Tier 3
 2.00%

 Safety Tier 4
 2.00%

Post-Retirement Mortality:

a) Service For Miscellaneous Members and Beneficiaries -

Headcount-Weighted RP-2014 Healthy Annuitant Mortality
Table projected generationally with the two-dimensional scale
MP-2016 set forward one year for males and no age adjustment

for females.

For Safety Members -

Headcount-Weighted RP-2014 Healthy Annuitant Mortality Table projected generationally with the two-dimensional scale

MP-2016 set back four years for males and females.

b) Disability For Miscellaneous Members -

Headcount-Weighted RP-2014 Healthy Annuitant Mortality Table projected generationally with the two-dimensional scale MP-2016 set forward seven years for males and set forward

eight years for females.

For Safety Members -

Headcount-Weighted RP-2014 Healthy Annuitant Mortality Table projected generationally with the two-dimensional scale MP-2016 set forward four years for males and females.

<sup>\*</sup> Includes inflation at 3.00% plus real across-the-board salary increase of 0.25% plus merit and longevity increases.

#### **Actuarial Methods and Assumptions Used to Determine Total Pension Liability** (Continued)

c) Employee Contribution Rate For Miscellaneous Members -

Headcount-Weighted RP-2014 Healthy Annuitant Mortality Table projected 20 years with the two-dimensional scale MP-2016 set forward one year for males and no age adjustment

for females, weighted 40% male and 60% female.

For Safety Members -

Headcount-Weighted RP-2014 Healthy Annuitant Mortality Table projected generationally with the two-dimensional scale MP-2016 set back four years for males and females, weighted

75% male and 25% female.

Pre-Retirement Mortality: Based upon the June 30, 2016 Actuarial Experience Study

Other Assumptions: See analysis of actuarial experience study for the period

July 1, 2013 through June 30, 2016.

#### **Assumed Asset Allocation**

The long term-expected rate of return on pension plan investments was determined using a building-block method in which expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. The target allocation and projected arithmetic real rates of return for each major asset class, used in the derivation of the long-term expected investment rate of return assumption, as of June 30, 2018, is summarized in the table below.

			Long-Term
	Target	Real Rate of	Expected Portfolio Rate of
Asset Class	Target Allocation	Real Rate of Return	Return
ASSEL Class	Allocation	Retuin	Return
U.S. large cap equity	17.0%	3.80%	5.61%
U.S. small cap equity	4.0	4.90	6.37
International developed equity	16.0	9.20	6.96
Emerging markets equity	4.0	9.70	9.28
High yield bonds	1.0	3.10	3.65
Bank loans	1.0	3.00	2.96
Growth oriented absolute return	3.0	4.97	4.97
Private equity	9.0	8.70	8.70
Private credit/private debt	4.0	5.10	5.10
Core/core plus bonds	10.0	1.40	1.06
Global bonds	3.0	0.20	0.07
U.S. treasury	5.0	0.60	0.16
Diversifying absolute return	7.0	3.04	3.04
Real estate	7.0	3.00	4.37
Real assets	7.0	7.74	7.74
Commodities	2.0	3.40	3.76
Total portfolio	100.0%	5.11%	5.15%
Inflation			3.00
Investment expense adjustment			(0.65)
Risk adjustment			(0.50)
Total long-term expected rate of return			7.00%

#### **Discount Rate**

The discount rate used to measure the total pension liability was 7.00% as of June 30, 2018. The projection of cash flows used to determine the discount rate assumed that plan member contributions will be made based on the current contribution rates and that employer contributions will be made at the end of each pay period based on the actuarially determined contribution rates. For this purpose, only the employer contributions that are intended to fund benefits for current plan members and their beneficiaries are included. Projected employer contributions that are intended to fund the service cost for future plan members and their beneficiaries, as well as projected contributions from future plan members, are not included.

Based on those assumptions, the System's fiduciary net position was projected to be available to make all the projected future benefit payments for current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

#### Amortization of Deferred Outflows and Deferred Inflows of Resources

The Net Difference Between Projected and Actual Earnings on Pension Plan Investments in the Schedule of Pension Amounts by Employer represents the unamortized balance relating to the current measurement period and the prior measurement periods on a net basis. The Net Difference Between Projected and Actual Earnings on Pension Plan Investments is amortized over a five-year period on a straight-line basis. One-fifth was recognized in pension expense during the measurement period, and the remaining Net Difference Between Projected and Actual Earnings on Pension Plan Investments at June 30, 2018, is to be amortized over the remaining periods. The Differences Between Expected and Actual Experience, Changes of Assumptions, and Changes in Proportions are recognized over the average of the expected remaining service lives of all employees that are provided with pensions through the Plan as of the beginning of the related measurement period. The average of the expected remaining service lives for the measurement period ending June 30, 2018, was 4.88 years, which was determined by:

- Calculating each active member's expected remaining service life as the present value of \$1 per year of future service at zero percent interest.
- Setting the remaining service life to zero for each inactive or retired member.
- Dividing the sum of the above amounts by the total number of active member, inactive, and retired members.

Balances of deferred outflows of resources and deferred inflows of resources arising from Differences Between Expected and Actual Experience, Changes of Assumptions, and Changes in Proportions reported in the Schedule of Pension Amounts by Employer represent the unamortized balances relating to the current and the prior measurement periods, which have different amortization periods and remaining amortization years.

The Schedule of Pension Amounts by Employer does not reflect employer-specific amounts such as differences between employer contributions and proportionate share of contributions during the measurement period and contributions to the Plan subsequent to the measurement date. Appropriate treatment of such amounts is the responsibility of the employers.

#### NOTE 5 - ADDITIONAL FINANCIAL AND ACTUARIAL INFORMATION

Additional financial and actuarial information required for GASB Statement No. 68 disclosures is located in the System's CAFR as of and for the fiscal year ended June 30, 2018, the GASB Statement No. 67 Actuarial Valuation as of June 2018 Addendum, and the GASB Statement No. 68 Actuarial Valuation report, which can be found on the System's website at https://www.scers.org/actuarial-information.