**Notes to Required Supplementary Information**

**for the Year Ended June 30, 20\_\_**

Schedule of the Proportionate Share of the Net Pension Liability (Asset) and

Schedule of Pension Contributions.

**Changes from Prior Valuation**

The June 30, 2022, Actuarial Valuation reflects numerous changes to the actuarial assumptions as a result of an experience analysis completed since the June 30, 2021, Actuarial Valuation. In addition, two changes in actuarial methods have been implemented since the prior valuation.

The details of the changes since the last valuation are as follows:

**Benefit Provision Changes**

During the 2022 Legislative Session no significant SDRS benefit changes were made and gaming enforcement agents became Class B Public Safety Members.

**Actuarial Assumption Changes**

As a result of an experience analysis covering the period from July 1, 2016, to June 30, 2021, and presented to the SDRS Board of Trustees in April and June 2022, significant changes to the actuarial assumptions were recommended by the SDRS Senior Actuary and adopted by the Board of Trustees first effective for this June 30, 2022, actuarial valuation.

The changes to economic assumptions included increasing the price inflation to 2.50% and increasing the wage inflation to 3.15%. The current assumed investment return assumption of 6.50% was retained, lowering the assumed real investment return to 4.00%. The baseline COLA assumption of 2.25% was also retained. Salary increase assumptions were modified to reflect the increase in assumed wage inflation and recent experience. The assumed interest on accumulated contributions was decreased to 2.25%

The demographic assumptions were also reviewed and revised. The mortality assumption was changed to the Pub-2010 amount-weighted tables using separate tables for teachers, general, and public safety retirees, with assumptions for retirees adjusted based on credible experience. The mortality assumption for active and terminated vested members was changed to the unadjusted amount-weighted Pub-2010 tables, again by member classification and the assumption for beneficiaries was changed to the amount-weighted Pub-2010 general contingent survivor table. Adjustments based on experience were also made to the assumptions regarding retirement, termination, disability, age of spouses for married Foundation members, percentage of terminated vested members electing a refund, and benefit commencement age for terminated vested Public Safety members with 15 or more years of service.

The SDRS COLA equals the percentage increase in the most recent third calendar quarter CPI-W over the prior year, no less than 0% (0.5% prior to 2021) and no greater than 3.5%. However, if the FVFR assuming the long-term COLA is equal to the baseline COLA assumption (currently 2.25%) is less than 100%, the maximum COLA payable will be limited to the increase that if assumed on a long-term basis, results in a FVFR equal to or exceeding 100%.

As of June 30, 2021, the FVFR assuming the long-term COLA is equal to the baseline COLA assumption (2.25%) was greater than 100% and the full 0% to 3.5% COLA range was payable. For the June 30, 2021, Actuarial Valuation, future COLAs were assumed to equal the baseline COLA assumption of 2.25%.

As of June 30, 2022, the FVFR assuming future COLAs equal to the baseline COLA assumption of 2.25% is less than 100% and the July 2023 SDRS COLA is limited to a restricted maximum of 2.10%. The July 2023 SDRS COLA will equal inflation, between 0% and 2.10%. For this June 30, 2022, Actuarial Valuation, future COLAs were assumed to equal the restricted maximum COLA of 2.10%.

Actuarial assumptions are reviewed for reasonability annually and reviewed in depth periodically, with the next experience analysis anticipated before the June 30, 2027, Actuarial Valuation and any recommended 7 changes approved by the Board of Trustees are anticipated to be first implemented in the June 30, 2027, Actuarial Valuation.

**Actuarial Method Changes**

Actuarial method changes with minor impact were implemented for this valuation after recommendation by Cavanaugh Macdonald Consulting as part of their reviews of prior valuations. As a result, liabilities and normal costs for refund benefits and the Generational Variable Retirement Account are now calculated using the entry age normal cost method with normal costs based on the expected value of these accounts rather than the actual balance.

**(NOTE: As required by paragraph 82 of Statement 68, information about factors that significantly affect trends in the amounts report in the schedules (required by paragraph 81) (for example, changes of benefit terms, changes in the size or composition of the population covered by the benefit terms, or the use of different assumptions) should be presented as notes to the schedules.**

**(NOTE: The amounts presented for prior years should not be restated for the effects of changes—for example, changes of benefit terms or changes of assumption—that occurred subsequent to the measurement date of that information):**