West Palm Beach Police Pension Fund

Chapter 112.664, F.S. Compliance Report

In Connection with the September 30, 2020 Funding Actuarial Valuation Report and the Plan's Financial Reporting for the Year Ending September 30, 2020





July 12, 2021

The Board of Trustees
West Palm Beach Police Pension Fund
West Palm Beach, Florida

Dear Board Members:

Gabriel, Roeder, Smith & Company (GRS) has been engaged by the West Palm Beach Police Pension Fund (Plan) to prepare a disclosure report to satisfy the requirements set forth in Ch. 112.664, F.S. and as further required pursuant to Ch. 60T-1.0035, F.A.C.

This report was prepared at the request of the Board and is intended for use by the Plan and those designated or approved by the Board. This report may be provided to parties other than the Plan only in its entirety and only with the permission of the Board. GRS is not responsible for unauthorized use of this report

The purpose of the report is to provide the required information specified in Ch. 112.664, F.S. as well as supplement this information with additional exhibits. This report should not be relied on for any purpose other than the purpose described above.

The findings in this report are based on data and other information through September 30, 2020. This report was based upon information furnished by the Plan Administrator concerning Plan benefits, financial transactions, plan provisions and active members, terminated members, retirees and beneficiaries. We checked for internal and year-to-year consistency, but did not audit the data. We are not responsible for the accuracy or completeness of the information provided by the Plan Administrator.

Except as otherwise indicated as required for the disclosures contained herein, this report was prepared using certain assumptions approved by the Board as authorized under and prescribed by the Florida Statutes, as described in our September 30, 2020 actuarial valuation report. This report is also based on the plan provisions, census data, and financial information as summarized in our September 30, 2020 actuarial valuation report. Please refer to the September 30, 2020 actuarial valuation report, dated May 20, 2021, for summaries and descriptions of this information.

The use of an investment return assumption that is 2% higher than the investment return assumption used to determine the funding requirements does not represent an estimate of future Plan experience nor does it reflect an observation of future return estimates inherent in financial market data. The use of this investment return assumption is provided as a counterpart to the Chapter 112.664, Florida Statutes requirement to utilize an investment return assumption that is 2% lower than the assumption used to determine the funding requirements. The inclusion of the additional exhibits showing the effect of using a 2% higher investment return assumption shows a more complete assessment of the range of possible results as opposed to showing a one-sided range as required by Florida Statutes.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the Plan's funded status); and changes in plan provisions or applicable law. The scope of this engagement does not include an analysis of the potential range of such measurements.

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.

This report has been prepared by actuaries who have substantial experience valuing public employee retirement systems. To the best of our knowledge, the information contained in this report is accurate and fairly presents the actuarial position of the Retirement Plan as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices, with the Actuarial Standards of Practice issued by the Actuarial Standards Board and with applicable statutes.

Jeffrey Amrose and Trisha Amrose are members of the American Academy of Actuaries. These actuaries meet the Academy's Qualification Standards render the actuarial opinions contained herein.

The signing actuaries are independent of the plan sponsor.

With respect to the reporting standards for defined benefit retirement plans or systems contained in Section 112.664(1), F.S., the actuarial disclosures required under this section were prepared and completed by us or under our direct supervision, and we acknowledge responsibility for the results. To the best of our knowledge, the results are complete and accurate, and in our opinion, meet the requirements of Section 112.664(1), F.S. and Section 60T-1.0035, F.A.C.

Respectfully submitted,

GABRIEL, ROEDER, SMITH & COMPANY

By

Jeffrey Amrose, MAAA, FCA Enrolled Actuary No. 20-6599 Senior Consultant & Actuary Ву

Trisha Amrose, MAAA, FCA Enrolled Actuary No. 20-8010 Consultant & Actuary



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CH. 112.664, FLORIDA STATUTES

RESULTS

Schedule of Changes in the Employer's Net Pension Liability Using Financial Reporting Assumptions per GASB Statement No. 67

| Fiscal year ending September 30, | | 2020 |
|--|------|--------------------|
| 1. Total Pension Liability | | |
| a. Service Cost | \$ | 6,248,573 |
| b. Interest | | 30,656,907 |
| c. Benefit Changes | | - |
| d. Difference between actual & expected experience & Other | | 3,746,791 |
| e. Assumption Changes | | 4,439,753 |
| f. Benefit Payments | | (18,512,808) |
| g. Contribution Refunds | | (206,949) |
| h. Net Change in Total Pension Liability | | 26,372,267 |
| i. Total Pension Liability - Beginning | | 408,293,394 |
| j. Total Pension Liability - Ending | \$ | 434,665,661 |
| | | |
| 2. Plan Fiduciary Net Position | | |
| a. Contributions - Employer | \$ | 5,240,652 |
| b. Contributions - State | | 1,611,609 |
| c. Contributions - Member | | 2,806,839 |
| d. Net Investment Income | | 25,816,070 |
| e. Benefit Payments | | (18,512,808) |
| f. Contribution Refunds | | (206,949) |
| g. Administrative Expense | | (304,417) |
| h. Other | | 162,185 |
| i. Net Change in Plan Fiduciary Net Position | | 16,613,181 |
| j. Plan Fiduciary Net Position - Beginning | | 383,442,225 |
| k. Plan Fiduciary Net Position - Ending | \$ | 400,055,406 |
| 3. Net Pension Liability / (Asset) | \$ | 34,610,255 |
| | | |
| Certain Key Assumptions | | |
| Valuation Date | | 09/30/2019 |
| Measurement Date | | 09/30/2020 |
| Investment Return Assumption | | 7.50% |
| Mortality Table | - | sk Class Mortality |
| | Rate | s from 7/1/18 FRS |
| | | Valuation |



Schedule of Changes in the Employer's Net Pension Liability Using Assumptions required under 112.664(1)(a), F.S.

| Fiscal year ending September 30, | 2020 | | | |
|--|------------|--------------------|--|--|
| 1. Total Pension Liability | | _ | | |
| a. Service Cost | \$ | 6,339,142 | | |
| b. Interest | | 30,010,869 | | |
| c. Benefit Changes | | - | | |
| d. Difference between actual & expected experience & Other | | 1,773,794 | | |
| e. Assumption Changes | | - | | |
| f. Benefit Payments | | (18,512,808) | | |
| g. Contribution Refunds | | (206,949) | | |
| h. Net Change in Total Pension Liability | | 19,404,048 | | |
| i. Total Pension Liability - Beginning | | 406,335,225 | | |
| j. Total Pension Liability - Ending | \$ | 425,739,273 | | |
| | | | | |
| 2. Plan Fiduciary Net Position | | | | |
| a. Contributions - Employer | \$ | 5,240,652 | | |
| b. Contributions - State | | 1,611,609 | | |
| c. Contributions - Member | | 2,806,839 | | |
| d. Net Investment Income | | 25,816,070 | | |
| e. Benefit Payments | | (18,512,808) | | |
| f. Contribution Refunds | | (206,949) | | |
| g. Administrative Expense | | (304,417) | | |
| h. Other | | 162,185 | | |
| i. Net Change in Plan Fiduciary Net Position | | 16,613,181 | | |
| j. Plan Fiduciary Net Position - Beginning | | 383,442,225 | | |
| k. Plan Fiduciary Net Position - Ending | \$ | 400,055,406 | | |
| 3. Net Pension Liability / (Asset) | \$ | 25,683,867 | | |
| Certain Key Assumptions | | | | |
| Valuation Date | | 09/30/2019 | | |
| Measurement Date | | 09/30/2020 | | |
| Investment Return Assumption | | 7.50% | | |
| Mortality Table | Special Ri | sk Class Mortality | | |
| | Rate | s from 7/1/19 FRS | | |
| | | Valuation | | |



Schedule of Changes in the Employer's Net Pension Liability Using Assumptions required under 112.664(1)(b), F.S.

| Fiscal year ending September 30, | | 2020 |
|--|-----------|---------------------|
| 1. Total Pension Liability | | |
| a. Service Cost | \$ | 10,361,068 |
| b. Interest | | 26,908,657 |
| c. Benefit Changes | | - |
| d. Difference between actual & expected experience & Other | | 1,773,794 |
| e. Assumption Changes | | - |
| f. Benefit Payments | | (18,512,808) |
| g. Contribution Refunds | | (206,949) |
| h. Net Change in Total Pension Liability | | 20,323,762 |
| i. Total Pension Liability - Beginning | | 493,427,651 |
| j. Total Pension Liability - Ending | \$ | 513,751,413 |
| | | |
| 2. Plan Fiduciary Net Position | | |
| a. Contributions - Employer | \$ | 5,240,652 |
| b. Contributions - State | | 1,611,609 |
| c. Contributions - Member | | 2,806,839 |
| d. Net Investment Income | | 25,816,070 |
| e. Benefit Payments | | (18,512,808) |
| f. Contribution Refunds | | (206,949) |
| g. Administrative Expense | | (304,417) |
| h. Other | | 162,185 |
| i. Net Change in Plan Fiduciary Net Position | | 16,613,181 |
| j. Plan Fiduciary Net Position - Beginning | | 383,442,225 |
| k. Plan Fiduciary Net Position - Ending | \$ | 400,055,406 |
| 3. Net Pension Liability / (Asset) | \$ | 113,696,007 |
| Certain Key Assumptions | | |
| Valuation Date | | 09/30/2019 |
| Measurement Date | | 09/30/2020 |
| Investment Return Assumption | | 5.50% |
| Mortality Table | Special R | isk Class Mortality |
| | Rate | es from 7/1/19 FRS |
| | | Valuation |



Schedule of Changes in the Employer's Net Pension Liability Using Assumptions under 112.664(1)(b), F.S. except 2% higher investment return assumption

| Fiscal year ending September 30, | 2020 | | | |
|--|------------|--------------------|--|--|
| 1. Total Pension Liability | | | | |
| a. Service Cost | \$ | 4,063,918 | | |
| b. Interest | | 32,347,991 | | |
| c. Benefit Changes | | - | | |
| d. Difference between actual & expected experience & Other | | 1,773,794 | | |
| e. Assumption Changes | | - | | |
| f. Benefit Payments | | (18,512,808) | | |
| g. Contribution Refunds | | (206,949) | | |
| h. Net Change in Total Pension Liability | | 19,465,946 | | |
| i. Total Pension Liability - Beginning | | 347,833,088 | | |
| j. Total Pension Liability - Ending | \$ | 367,299,034 | | |
| | | | | |
| 2. Plan Fiduciary Net Position | | | | |
| a. Contributions - Employer | \$ | 5,240,652 | | |
| b. Contributions - State | | 1,611,609 | | |
| c. Contributions - Member | | 2,806,839 | | |
| d. Net Investment Income | | 25,816,070 | | |
| e. Benefit Payments | | (18,512,808) | | |
| f. Contribution Refunds | | (206,949) | | |
| g. Administrative Expense | | (304,417) | | |
| h. Other | | 162,185 | | |
| i. Net Change in Plan Fiduciary Net Position | | 16,613,181 | | |
| j. Plan Fiduciary Net Position - Beginning | | 383,442,225 | | |
| k. Plan Fiduciary Net Position - Ending | \$ | 400,055,406 | | |
| 3. Net Pension Liability / (Asset) | \$ | (32,756,372) | | |
| Certain Key Assumptions | | | | |
| Valuation Date | | 09/30/2019 | | |
| Measurement Date | | 09/30/2020 | | |
| Investment Return Assumption | | 9.50% | | |
| Mortality Table | Special Ri | sk Class Mortality | | |
| | Rate | s from 7/1/19 FRS | | |
| | | Valuation | | |



Asset and Benefit Payment Projection Not Reflecting Any Contributions from the Employer, State or Employee Using assumptions from the Plan's latest actuarial valuation

| | Α | orket Value of ssets (BOY), of DROP/Share | Exped | ted Investment | Pr | ojected Benefit | A | arket Value of assets (EOY), of DROP/Share | |
|------|----|---|-------|----------------|----|-----------------|----|--|--|
| FYE | | Accounts | - | Return | | Payments | | Accounts | |
| 2021 | \$ | 280,744,005 | \$ | 19,778,752 | \$ | 15,867,270 | \$ | 284,655,487 | |
| 2022 | | 284,655,487 | | 20,026,124 | | 16,866,163 | | 287,815,448 | |
| 2023 | | 287,815,448 | | 20,217,420 | | 17,908,958 | | 290,123,910 | |
| 2024 | | 290,123,910 | | 20,352,907 | | 18,788,322 | | 291,688,495 | |
| 2025 | | 291,688,495 | | 20,439,630 | | 19,525,119 | | 292,603,006 | |
| 2026 | | 292,603,006 | | 20,481,606 | | 20,196,195 | | 292,888,417 | |
| 2027 | | 292,888,417 | | 20,479,939 | | 20,813,011 | | 292,555,345 | |
| 2028 | | 292,555,345 | | 20,436,413 | | 21,347,580 | | 291,644,178 | |
| 2029 | | 291,644,178 | | 20,355,183 | | 21,766,066 | | 290,233,295 | |
| 2030 | | 290,233,295 | | 20,239,650 | | 22,131,417 | | 288,341,528 | |
| 2031 | | 288,341,528 | | 20,089,870 | | 22,479,739 | | 285,951,659 | |
| 2032 | | 285,951,659 | | 19,905,167 | | 22,795,250 | | 283,061,576 | |
| 2033 | | 283,061,576 | | 19,685,778 | | 23,067,218 | | 279,680,136 | |
| 2034 | | 279,680,136 | | 19,433,033 | | 23,276,611 | | 275,836,558 | |
| 2035 | | 275,836,558 | | 19,147,892 | | 23,455,395 | | 271,529,055 | |
| 2036 | | 271,529,055 | | 18,830,419 | | 23,598,278 | | 266,761,196 | |
| 2037 | | 266,761,196 | | 18,481,621 | | 23,684,576 | | 261,558,241 | |
| 2038 | | 261,558,241 | | 18,102,847 | | 23,727,587 | | 255,933,501 | |
| 2039 | | 255,933,501 | | 17,694,990 | | 23,729,352 | | 249,899,139 | |
| 2040 | | 249,899,139 | | 17,258,871 | | 23,691,496 | | 243,466,514 | |
| 2041 | | 243,466,514 | | 16,795,038 | | 23,621,638 | | 236,639,914 | |
| 2042 | | 236,639,914 | | 16,304,089 | | 23,511,849 | | 229,432,154 | |
| 2043 | | 229,432,154 | | 15,786,942 | | 23,362,464 | | 221,856,632 | |
| 2044 | | 221,856,632 | | 15,244,830 | | 23,166,234 | | 213,935,228 | |
| 2045 | | 213,935,228 | | 14,679,728 | | 22,912,452 | | 205,702,504 | |
| 2046 | | 205,702,504 | | 14,094,172 | | 22,600,266 | | 197,196,410 | |

Number of years for which current market value of assets are adequate to sustain the payment of expected retirement benefits, <u>reflecting no contributions from the Employer</u>, <u>Employee or State</u>, <u>contrary to Florida Statutes and Plan provisions</u>:

All Years

Certain Key Assumptions

Investment Return Assumption
Mortality Table

7.25%

Special Risk Class Mortality Rates from 7/1/19 FRS Valuation



Asset and Benefit Payment Projection Not Reflecting Any Contributions from the Employer, State or Employee Using Assumptions required under 112.664(1)(a), F.S.

| | | rket Value of ssets (BOY), | | | | | | arket Value of Assets (EOY), | |
|------|-----|-------------------------------|-------|----------------|----|-------------------|------|---------------------------------|--|
| | | of DROP/Share | Evnoc | ted Investment | D | ojected Benefit | | of DROP/Share | |
| FYE | Net | Accounts | Lxpec | Return | | Payments Payments | IVEL | Accounts | |
| 2021 | \$ | 280,744,005 | \$ | 19,778,752 | \$ | 15,867,270 | \$ | 284,655,487 | |
| 2022 | Y | 284,655,487 | Y | 20,026,124 | Y | 16,866,163 | Y | 287,815,448 | |
| 2023 | | 287,815,448 | | 20,217,420 | | 17,908,958 | | 290,123,910 | |
| 2024 | | 290,123,910 | | 20,352,907 | | 18,788,322 | | 291,688,495 | |
| 2025 | | 291,688,495 | | 20,439,630 | | 19,525,119 | | 292,603,006 | |
| 2026 | | 292,603,006 | | 20,481,606 | | 20,196,195 | | 292,888,417 | |
| 2027 | | 292,888,417 | | 20,479,939 | | 20,813,011 | | 292,555,345 | |
| 2028 | | 292,555,345 | | 20,436,413 | | 21,347,580 | | 291,644,178 | |
| 2029 | | 291,644,178 | | 20,355,183 | | 21,766,066 | | 290,233,295 | |
| 2030 | | 290,233,295 | | 20,239,650 | | 22,131,417 | | 288,341,528 | |
| 2031 | | 288,341,528 | | 20,089,870 | | 22,479,739 | | 285,951,659 | |
| 2032 | | 285,951,659 | | 19,905,167 | | 22,795,250 | | 283,061,576 | |
| 2033 | | 283,061,576 | | 19,685,778 | | 23,067,218 | | 279,680,136 | |
| 2034 | | 279,680,136 | | 19,433,033 | | 23,276,611 | | 275,836,558 | |
| 2035 | | 275,836,558 | | 19,147,892 | | 23,455,395 | | 271,529,055 | |
| 2036 | | 271,529,055 | | 18,830,419 | | 23,598,278 | | 266,761,196 | |
| 2037 | | 266,761,196 | | 18,481,621 | | 23,684,576 | | 261,558,241 | |
| 2038 | | 261,558,241 | | 18,102,847 | | 23,727,587 | | 255,933,501 | |
| 2039 | | 255,933,501 | | 17,694,990 | | 23,729,352 | | 249,899,139 | |
| 2040 | | 249,899,139 | | 17,258,871 | | 23,691,496 | | 243,466,514 | |
| 2041 | | 243,466,514 | | 16,795,038 | | 23,621,638 | | 236,639,914 | |
| 2042 | | 236,639,914 | | 16,304,089 | | 23,511,849 | | 229,432,154 | |
| 2043 | | 229,432,154 | | 15,786,942 | | 23,362,464 | | 221,856,632 | |
| 2044 | | 221,856,632 | | 15,244,830 | | 23,166,234 | | 213,935,228 | |
| 2045 | | 213,935,228 | | 14,679,728 | | 22,912,452 | | 205,702,504 | |
| 2046 | | 205,702,504 | | 14,094,172 | | 22,600,266 | | 197,196,410 | |

Number of years for which current market value of assets are adequate to sustain the payment of expected retirement benefits, <u>reflecting no contributions from the Employer</u>, <u>Employee or State</u>, <u>contrary to Florida Statutes and Plan provisions</u>:

All Years

Certain Key Assumptions

Investment Return Assumption Mortality Table

7.25%

Special Risk Class Mortality Rates from 7/1/19 FRS Valuation



Asset and Benefit Payment Projection Not Reflecting Any Contributions from the Employer, State or Employee Using Assumptions under 112.664(1)(b), F.S.

| | Α | arket Value of ssets (BOY), of DROP/Share | Exped | ted Investment | Pı | rojected Benefit | A | arket Value of ssets (EOY), of DROP/Share | |
|------|----|---|-------|----------------|----|------------------|----|---|--|
| FYE | | Accounts | | Return | | Payments | | Accounts | |
| 2021 | \$ | 280,744,005 | \$ | 14,322,544 | \$ | 15,867,270 | \$ | 279,199,279 | |
| 2022 | | 279,199,279 | | 14,215,225 | | 16,866,163 | | 276,548,341 | |
| 2023 | | 276,548,341 | | 14,048,678 | | 17,908,958 | | 272,688,061 | |
| 2024 | | 272,688,061 | | 13,822,930 | | 18,788,322 | | 267,722,669 | |
| 2025 | | 267,722,669 | | 13,542,906 | | 19,525,119 | | 261,740,456 | |
| 2026 | | 261,740,456 | | 13,211,224 | | 20,196,195 | | 254,755,485 | |
| 2027 | | 254,755,485 | | 12,828,321 | | 20,813,011 | | 246,770,795 | |
| 2028 | | 246,770,795 | | 12,395,093 | | 21,347,580 | | 237,818,308 | |
| 2029 | | 237,818,308 | | 11,914,102 | | 21,766,066 | | 227,966,344 | |
| 2030 | | 227,966,344 | | 11,387,283 | | 22,131,417 | | 217,222,210 | |
| 2031 | | 217,222,210 | | 10,814,073 | | 22,479,739 | | 205,556,544 | |
| 2032 | | 205,556,544 | | 10,193,343 | | 22,795,250 | | 192,954,637 | |
| 2033 | | 192,954,637 | | 9,524,604 | | 23,067,218 | | 179,412,023 | |
| 2034 | | 179,412,023 | | 8,808,120 | | 23,276,611 | | 164,943,532 | |
| 2035 | | 164,943,532 | | 8,043,831 | | 23,455,395 | | 149,531,968 | |
| 2036 | | 149,531,968 | | 7,230,974 | | 23,598,278 | | 133,164,664 | |
| 2037 | | 133,164,664 | | 6,369,425 | | 23,684,576 | | 115,849,513 | |
| 2038 | | 115,849,513 | | 5,459,250 | | 23,727,587 | | 97,581,176 | |
| 2039 | | 97,581,176 | | 4,500,116 | | 23,729,352 | | 78,351,940 | |
| 2040 | | 78,351,940 | | 3,491,575 | | 23,691,496 | | 58,152,019 | |
| 2041 | | 58,152,019 | | 2,432,913 | | 23,621,638 | | 36,963,294 | |
| 2042 | | 36,963,294 | | 1,323,387 | | 23,511,849 | | 14,774,832 | |
| 2043 | | 14,774,832 | | 162,414 | | 23,362,464 | | - | |
| 2044 | | - | | - | | 23,166,234 | | - | |
| 2045 | | - | | - | | 22,912,452 | | - | |
| 2046 | | - | | - | | 22,600,266 | | - | |

Number of years for which current market value of assets are adequate to sustain the payment of expected retirement benefits, <u>reflecting no contributions from the Employer</u>, <u>Employee</u> or State, contrary to Florida Statutes and Plan provisions:

22.67

Certain Key Assumptions

Investment Return Assumption 5.25% Mortality Table Special Risk Class Mortality Rates from 7/1/19 FRS Valuation



Asset and Benefit Payment Projection Not Reflecting Any Contributions from the Employer, State or Employee Using Assumptions under 112.664(1)(b), F.S. except 2% higher investment return assumption

| | Ma | rket Value of | | | | | M | arket Value of | |
|------|-----|---------------|-------|----------------|----|-----------------|-----|----------------|--|
| | Α | ssets (BOY), | | | | | ļ | Assets (EOY), | |
| | Net | of DROP/Share | Expec | ted Investment | Pr | ojected Benefit | Net | of DROP/Share | |
| FYE | | Accounts | | Return | | Payments | | Accounts | |
| 2021 | \$ | 280,744,005 | \$ | 25,234,959 | \$ | 15,867,270 | \$ | 290,111,694 | |
| 2022 | | 290,111,694 | | 26,055,272 | | 16,866,163 | | 299,300,803 | |
| 2023 | | 299,300,803 | | 26,857,035 | | 17,908,958 | | 308,248,880 | |
| 2024 | | 308,248,880 | | 27,644,062 | | 18,788,322 | | 317,104,620 | |
| 2025 | | 317,104,620 | | 28,429,141 | | 19,525,119 | | 326,008,642 | |
| 2026 | | 326,008,642 | | 29,221,725 | | 20,196,195 | | 335,034,172 | |
| 2027 | | 335,034,172 | | 30,028,059 | | 20,813,011 | | 344,249,220 | |
| 2028 | | 344,249,220 | | 30,855,727 | | 21,347,580 | | 353,757,367 | |
| 2029 | | 353,757,367 | | 31,715,876 | | 21,766,066 | | 363,707,177 | |
| 2030 | | 363,707,177 | | 32,619,336 | | 22,131,417 | | 374,195,096 | |
| 2031 | | 374,195,096 | | 33,573,358 | | 22,479,739 | | 385,288,715 | |
| 2032 | | 385,288,715 | | 34,584,926 | | 22,795,250 | | 397,078,391 | |
| 2033 | | 397,078,391 | | 35,662,892 | | 23,067,218 | | 409,674,065 | |
| 2034 | | 409,674,065 | | 36,818,308 | | 23,276,611 | | 423,215,762 | |
| 2035 | | 423,215,762 | | 38,062,646 | | 23,455,395 | | 437,823,013 | |
| 2036 | | 437,823,013 | | 39,407,208 | | 23,598,278 | | 453,631,943 | |
| 2037 | | 453,631,943 | | 40,865,543 | | 23,684,576 | | 470,812,910 | |
| 2038 | | 470,812,910 | | 42,452,793 | | 23,727,587 | | 489,538,116 | |
| 2039 | | 489,538,116 | | 44,184,793 | | 23,729,352 | | 509,993,557 | |
| 2040 | | 509,993,557 | | 46,078,672 | | 23,691,496 | | 532,380,733 | |
| 2041 | | 532,380,733 | | 48,152,717 | | 23,621,638 | | 556,911,812 | |
| 2042 | | 556,911,812 | | 50,426,920 | | 23,511,849 | | 583,826,883 | |
| 2043 | | 583,826,883 | | 52,923,473 | | 23,362,464 | | 613,387,892 | |
| 2044 | | 613,387,892 | | 55,666,942 | | 23,166,234 | | 645,888,600 | |
| 2045 | | 645,888,600 | | 58,684,995 | | 22,912,452 | | 681,661,143 | |
| 2046 | | 681,661,143 | | 62,008,393 | | 22,600,266 | | 721,069,270 | |

Number of years for which current market value of assets are adequate to sustain the payment of expected retirement benefits, <u>reflecting no contributions from the Employer</u>, Employee or State, contrary to Florida Statutes and Plan provisions:

All Years

Certain Key Assumptions

Investment Return Assumption Mortality Table

9.25%

Special Risk Class Mortality Rates from 7/1/19 FRS Valuation



| Actuarially Determined Contribution | | | | | | | | |
|---|---|---|---|---|--|--|--|--|
| | Plan's Latest Actuarial Valuation Assumptions | 112.664(1)(a), F.S. Assumptions | 112.664(1)(b), F.S. Assumptions | 112.664(1)(b), F.S. Except 2% Higher Investment Return Assumption | | | | |
| A. Valuation Date | 9/30/2020 | 9/30/2020 | 9/30/2020 | 9/30/2020 | | | | |
| B. Actuarially Determined Contribution (ADC) to Be Paid During Fiscal Year Ending | 9/30/2022 | 9/30/2022 | 9/30/2022 | 9/30/2022 | | | | |
| C. Assumed Dates of Employer Contributions | Quarterly | Quarterly | Quarterly | Quarterly | | | | |
| D. Total Normal Cost | 27.51 % | 27.51 % | 45.22 % | 17.55 % | | | | |
| E. Amortization of Unfunded Actuarial Accrued Liability and F.S., 112.64(5) Compliance | 4.94 % | 4.94 % | 25.02 % | 0.00 % | | | | |
| F. Administrative Expenses | 0.93 % | 0.93 % | 0.93 % | 0.93 % | | | | |
| G. Total ADC Adjusted for Timing and Frequency of Payments | 33.38 % | 33.38 % | 71.17 % | 18.48 % | | | | |
| H. Expected Covered Payroll for Contribution Year | \$ 24,775,673 | \$ 24,775,673 | \$ 24,775,673 | \$ 24,775,673 | | | | |
| I. ADC as a Dollar Amount in the Contribution Year: G x H | \$ 8,270,121 | \$ 8,270,121 | \$ 17,632,846 | \$ 4,578,544 | | | | |
| J. Member Portion of Contribution | \$ 2,725,324 | \$ 2,725,324 | \$ 2,725,324 | \$ 2,725,324 | | | | |
| K. Employer ADC in Contribution Year | \$ 5,544,797 | \$ 5,544,797 | \$ 14,907,522 | \$ 1,853,220 | | | | |
| L. Employer ADC as % of Covered Payroll in Contribution Year: K ÷ H | 22.38 % | 22.38 % | 60.17 % | 7.48 % | | | | |
| M. Certain Key Assumptions Investment Return Assumption Mortality Table | 7.25% Special Risk Class Mortality Rates from 7/1/19 FRS Valuation | 7.25% Special Risk Class Mortality Rates from 7/1/19 FRS Valuation | 5.25% Special Risk Class Mortality Rates from 7/1/19 FRS Valuation | 9.25% Special Risk Class Mortality Rates from 7/1/19 FRS Valuation | | | | |

