

**CITY OF TAMARAC POLICE OFFICERS' PENSION TRUST FUND**  
Chapter 112.664, F.S. Compliance Report  
In Connection with the October 1, 2015 Funding Actuarial Valuation Report  
And the Plan's Financial Reporting for the Year Ending September 30, 2015



February 25, 2016

Board of Trustees  
City of Tamarac Police Officers' Pension Trust Fund  
Tamarac, Florida

Dear Board Members:

Gabriel, Roeder, Smith & Company (GRS) has been engaged by the City of Tamarac Police Officers' Pension Trust 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 Retirement System and those designated or approved by the Board. This report may be provided to parties other than the System only in its entirety and only with the permission of the Board.

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 or other information through September 30, 2015. 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 based upon information furnished by the Plan Administrator concerning Retirement 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 otherwise 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 selected by the Board as described in our October 1, 2015 actuarial valuation report. This report is also based on the Plan Provisions, census data, and financial information as summarized in our October 1, 2015 actuarial valuation report. Please refer to the October 1, 2015 actuarial valuation report, dated January 5, 2016, 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.

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.

Theora Braccialarghe and Jeffrey Amrose are members of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to 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 AND COMPANY

By Theora Braccialarghe

Theora P. Braccialarghe, FSA, MAAA, FCA  
Enrolled Actuary No. 14-2826  
Senior Consultant & Actuary

By Jeff Amrose

Jeffrey Amrose, MAAA  
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## TABLE OF CONTENTS

<u>Title</u>	<u>Page</u>
Ch. 112.664, F.S. Results	
Schedule of Changes in Net Pension Liability	
1. Using financial reporting assumptions per GASB Statement No. 67	1
2. Using assumptions prescribed in Section 112.664(1)(a), F.S.	2
3. Using assumptions prescribed in Section 112.664(1)(b), F.S.	3
4. Using the mandated mortality and funding interest rate +2%	4
Assets Versus Benefit Payments Projections	
1. Using assumptions from the Plan's latest actuarial valuation	5
2. Using assumptions prescribed in Section 112.664(1)(a), F.S.	6
3. Using assumptions prescribed in Section 112.664(1)(b), F.S.	7
4. Using the mandated mortality and funding interest rate +2%	8
Actuarially Determined Contribution	9

**CH. 112.664, Florida Statutes**

**RESULTS**

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

Fiscal year ending September 30,	<u>2015</u>
<b>1. Total pension liability</b>	
a. Service Cost	\$ -
b. Interest	704,633
c. Benefit Changes	-
d. Difference between actual & expected experience & Other	604,430
e. Assumption Changes	-
f. Benefit Payments	(1,068,771)
g. Contribution Refunds	-
<b>h. Net Change in Total Pension Liability</b>	<u>240,292</u>
<b>i. Total Pension Liability - Beginning</b>	<u>10,368,965</u>
<b>j. Total Pension Liability - Ending</b>	<u>\$ 10,609,257</u>
<b>2. Plan Fiduciary Net Position</b>	
a. Contributions - Employer	\$ 459,933
b. Contributions - Non-Employer Contributing Entity	233,874
c. Contributions - Member	-
d. Net Investment Income	24,495
e. Benefit Payments	(1,068,771)
f. Contribution Refunds	-
g. Administrative Expense	(67,343)
h. Other	-
<b>i. Net Change in Plan Fiduciary Net Position</b>	<u>(417,812)</u>
<b>j. Plan Fiduciary Net Position - Beginning</b>	<u>5,246,701</u>
<b>k. Plan Fiduciary Net Position - Ending</b>	<u>\$ 4,828,889</u>
<b>3. Net Pension Liability / (Asset)</b>	5,780,368
<b>Certain Key Assumptions</b>	
Valuation Date	10/01/2014
Measurement Date	09/30/2015
Investment Return Assumption	6.75%
Mortality Table	RP-2000 fully generational using Scale AA

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

Fiscal year ending September 30,

	<u>2015</u>
<b>1. Total pension liability</b>	
a. Service Cost	\$ -
b. Interest	704,633
c. Benefit Changes	-
d. Difference between actual & expected experience & Other	604,430
e. Assumption Changes	-
f. Benefit Payments	(1,068,771)
g. Contribution Refunds	-
<b>h. Net Change in Total Pension Liability</b>	<u>240,292</u>
<b>i. Total Pension Liability - Beginning</b>	<u>10,368,965</u>
<b>j. Total Pension Liability - Ending</b>	<u>\$ 10,609,257</u>
<b>2. Plan Fiduciary Net Position</b>	
a. Contributions - Employer	\$ 459,933
b. Contributions - Non-Employer Contributing Entity	233,874
c. Contributions - Member	-
d. Net Investment Income	24,495
e. Benefit Payments	(1,068,771)
f. Contribution Refunds	-
g. Administrative Expense	(67,343)
h. Other	-
<b>i. Net Change in Plan Fiduciary Net Position</b>	<u>(417,812)</u>
<b>j. Plan Fiduciary Net Position - Beginning</b>	<u>5,246,701</u>
<b>k. Plan Fiduciary Net Position - Ending</b>	<u>\$ 4,828,889</u>
<b>3. Net Pension Liability / (Asset)</b>	5,780,368

**Certain Key Assumptions**

Valuation Date	10/01/2014
Measurement Date	09/30/2015
Investment Return Assumption	6.75%
Mortality Table	RP-2000 fully generational using Scale AA

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

Fiscal year ending September 30,	<u>2015</u>
<b>1. Total pension liability</b>	
a. Service Cost	\$ -
b. Interest	588,960
c. Benefit Changes	-
d. Difference between actual & expected experience & Other	759,378
e. Assumption Changes	-
f. Benefit Payments	(1,068,771)
g. Contribution Refunds	-
<b>h. Net Change in Total Pension Liability</b>	<u>279,567</u>
<b>i. Total Pension Liability - Beginning</b>	<u>12,174,156</u>
<b>j. Total Pension Liability - Ending</b>	<u>\$ 12,453,723</u>
<b>2. Plan Fiduciary Net Position</b>	
a. Contributions - Employer	\$ 459,933
b. Contributions - Non-Employer Contributing Entity	233,874
c. Contributions - Member	-
d. Net Investment Income	24,495
e. Benefit Payments	(1,068,771)
f. Contribution Refunds	-
g. Administrative Expense	(67,343)
h. Other	-
<b>i. Net Change in Plan Fiduciary Net Position</b>	<u>(417,812)</u>
<b>j. Plan Fiduciary Net Position - Beginning</b>	<u>5,246,701</u>
<b>k. Plan Fiduciary Net Position - Ending</b>	<u>\$ 4,828,889</u>
<b>3. Net Pension Liability / (Asset)</b>	7,624,834
<b>Certain Key Assumptions</b>	
Valuation Date	10/01/2014
Measurement Date	09/30/2015
Investment Return Assumption	4.75%
Mortality Table	RP-2000 fully generational using Scale AA

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

Fiscal year ending September 30,	<u>2015</u>
<b>1. Total pension liability</b>	
a. Service Cost	\$ -
b. Interest	784,096
c. Benefit Changes	-
d. Difference between actual & expected experience & Other	495,967
e. Assumption Changes	-
f. Benefit Payments	(1,068,771)
g. Contribution Refunds	-
<b>h. Net Change in Total Pension Liability</b>	<u>211,292</u>
<b>i. Total Pension Liability - Beginning</b>	<u>8,999,519</u>
<b>j. Total Pension Liability - Ending</b>	<u><u>\$ 9,210,811</u></u>
<b>2. Plan Fiduciary Net Position</b>	
a. Contributions - Employer	\$ 459,933
b. Contributions - Non-Employer Contributing Entity	233,874
c. Contributions - Member	-
d. Net Investment Income	24,495
e. Benefit Payments	(1,068,771)
f. Contribution Refunds	-
g. Administrative Expense	(67,343)
h. Other	-
<b>i. Net Change in Plan Fiduciary Net Position</b>	<u>(417,812)</u>
<b>j. Plan Fiduciary Net Position - Beginning</b>	<u>5,246,701</u>
<b>k. Plan Fiduciary Net Position - Ending</b>	<u><u>\$ 4,828,889</u></u>
<b>3. Net Pension Liability / (Asset)</b>	4,381,922
<b>Certain Key Assumptions</b>	
Valuation Date	10/01/2014
Measurement Date	09/30/2015
Investment Return Assumption	8.75%
Mortality Table	RP-2000 fully generational using Scale AA

**Asset and Benefit Payment Projection**  
**Not Reflecting Any Contributions from the Employer, State or Employee**  
**Using Assumptions from the Plan's Latest Actuarial Valuation**

<b>FYE</b>	<b>Market Value of Assets (BOY)</b>	<b>Investment Return</b>	<b>Projected Benefit Payments</b>	<b>Market Value of Assets (EOY)</b>
2015	4,828,889	289,703	1,073,990	4,044,602
2016	4,044,602	237,319	1,057,543	3,224,377
2017	3,224,377	182,551	1,039,828	2,367,101
2018	2,367,101	125,327	1,020,811	1,471,617
2019	1,471,617	65,571	1,000,394	536,793
2020	536,793	3,209	978,518	-
2021	-	-	955,126	-
2022	-	-	930,180	-
2023	-	-	903,644	-
2024	-	-	875,506	-
2025	-	-	845,727	-
2026	-	-	814,182	-
2027	-	-	780,816	-
2028	-	-	745,696	-
2029	-	-	708,927	-
2030	-	-	670,707	-
2031	-	-	631,290	-
2032	-	-	590,977	-
2033	-	-	550,109	-
2034	-	-	508,960	-
2035	-	-	467,886	-
2036	-	-	427,433	-
2037	-	-	387,912	-
2038	-	-	349,598	-
2039	-	-	313,011	-
2040	-	-	278,359	-

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

5.58

**Certain Key Assumptions**

Valuation Investment return assumption

6.75%

Valuation Mortality Table

RP-2000 fully generational using Scale AA

**Note: As required in Section 112.664(c) of the Florida Statutes, the projection of the Fund assets do not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the employer, employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.**

**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.**

FYE	Market Value of Assets (BOY)	Investment Return	Projected Benefit Payments	Market Value of Assets (EOY)
2015	4,828,889	289,703	1,073,990	4,044,602
2016	4,044,602	237,319	1,057,543	3,224,377
2017	3,224,377	182,551	1,039,828	2,367,101
2018	2,367,101	125,327	1,020,811	1,471,617
2019	1,471,617	65,571	1,000,394	536,793
2020	536,793	3,209	978,518	-
2021	-	-	955,126	-
2022	-	-	930,180	-
2023	-	-	903,644	-
2024	-	-	875,506	-
2025	-	-	845,727	-
2026	-	-	814,182	-
2027	-	-	780,816	-
2028	-	-	745,696	-
2029	-	-	708,927	-
2030	-	-	670,707	-
2031	-	-	631,290	-
2032	-	-	590,977	-
2033	-	-	550,109	-
2034	-	-	508,960	-
2035	-	-	467,886	-
2036	-	-	427,433	-
2037	-	-	387,912	-
2038	-	-	349,598	-
2039	-	-	313,011	-
2040	-	-	278,359	-

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

5.58

**Certain Key Assumptions**

Valuation Investment return assumption

6.75%

Valuation Mortality Table

RP-2000 fully generational using Scale AA

**Note: As required in Section 112.664(c) of the Florida Statutes, the projection of the Fund assets do not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the employer, employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.**

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

FYE	Market Value of Assets (BOY)	Investment Return	Projected Benefit Payments	Market Value of Assets (EOY)
2015	4,828,889	203,865	1,073,990	3,958,764
2016	3,958,764	162,925	1,057,543	3,064,146
2017	3,064,146	120,851	1,039,828	2,145,169
2018	2,145,169	77,651	1,020,811	1,202,009
2019	1,202,009	33,336	1,000,394	234,951
2020	234,951	-	978,518	-
2021	-	-	955,126	-
2022	-	-	930,180	-
2023	-	-	903,644	-
2024	-	-	875,506	-
2025	-	-	845,727	-
2026	-	-	814,182	-
2027	-	-	780,816	-
2028	-	-	745,696	-
2029	-	-	708,927	-
2030	-	-	670,707	-
2031	-	-	631,290	-
2032	-	-	590,977	-
2033	-	-	550,109	-
2034	-	-	508,960	-
2035	-	-	467,886	-
2036	-	-	427,433	-
2037	-	-	387,912	-
2038	-	-	349,598	-
2039	-	-	313,011	-
2040	-	-	278,359	-

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

5.25

**Certain Key Assumptions**

Valuation Investment return assumption

4.75%

Valuation Mortality Table

RP-2000 fully generational using Scale AA

**Note: As required in Section 112.664(c) of the Florida Statutes, the projection of the Fund assets do not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the employer, employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.**

**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**

<b>FYE</b>	<b>Market Value of Assets (BOY)</b>	<b>Investment Return</b>	<b>Projected Benefit Payments</b>	<b>Market Value of Assets (EOY)</b>
2015	4,828,889	375,541	1,073,990	4,130,440
2016	4,130,440	315,146	1,057,543	3,388,043
2017	3,388,043	250,961	1,039,828	2,599,176
2018	2,599,176	182,767	1,020,811	1,761,132
2019	1,761,132	110,332	1,000,394	871,070
2020	871,070	33,408	978,518	-
2021	-	-	955,126	-
2022	-	-	930,180	-
2023	-	-	903,644	-
2024	-	-	875,506	-
2025	-	-	845,727	-
2026	-	-	814,182	-
2027	-	-	780,816	-
2028	-	-	745,696	-
2029	-	-	708,927	-
2030	-	-	670,707	-
2031	-	-	631,290	-
2032	-	-	590,977	-
2033	-	-	550,109	-
2034	-	-	508,960	-
2035	-	-	467,886	-
2036	-	-	427,433	-
2037	-	-	387,912	-
2038	-	-	349,598	-
2039	-	-	313,011	-
2040	-	-	278,359	-

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

5.92

**Certain Key Assumptions**

Valuation Investment return assumption

8.75%

Valuation Mortality Table

RP-2000 fully generational using Scale AA

**Note: As required in Section 112.664(c) of the Florida Statutes, the projection of the Fund assets do not include contributions from the Employer, Employee or State, which is contrary to Florida Statutes and Plan provisions. For this reason, these projections should not be viewed as a representation of the amount of time the Fund can sustain benefit payments. Under the GASB standards which DO include contributions from the employer, employee and State, the Fund is expected to be able to sustain the benefit payment demands in the near-term and long-term future.**

<b>ACTUARIALLY DETERMINED CONTRIBUTION</b>				
	Plan's Latest Actuarial Valuation	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	October 1, 2015	October 1, 2015	October 1, 2015	October 1, 2015
B. Actuarial Determined Contribution (ADC) to Be Paid During Fiscal Year Ending	9/30/2016	9/30/2016	9/30/2016	9/30/2016
C. Assumed Dates of Employer Contributions*	10/1/2016	10/1/2016	10/1/2016	10/1/2016
D. Annual Payment to Amortize Unfunded Actuarial Liability	\$ 667,135	\$ 667,135	\$ 807,745	\$ 546,774
E. Employer Normal Cost	67,343	67,343	67,343	67,343
F. ADC if Paid on Valuation Date: D + E	734,478	734,478	875,088	614,117
G. ADC Adjusted for Frequency of Payments*	749,769	749,769	889,216	628,703
H. Adjusted for Frequency of as % of Covered Payroll	N/A %	N/A %	N/A %	N/A %
I. Assumed Rate of Increase in Covered Payroll to Contribution Year	0.00 %	0.00 %	0.00 %	0.00 %
J. Covered Payroll for Contribution Year	0	0	0	0
K. ADC for Contribution Year: H x J	749,769	749,769	889,216	628,703
L. Allowable Credit for State Revenue in Contribution Year	233,874	233,874	233,874	233,874
M. ADC in Contribution Year	515,895	515,895	655,342	394,829
N. ADC as % of Covered Payroll in Contribution Year: M ÷ J	N/A %	N/A %	N/A %	N/A %
O. Certain Key Assumptions				
Investment Return Assumption	6.75%	6.75%	4.75%	8.75%
Mortality Table	RP-2000 fully generational using Scale AA			

\*Reflects \$500,000 payment on 10/1/2015, mid-year timing on the remaining City contribution and end of year timing on the State contribution.