

CITY OF AUBURNDALE  
MUNICIPAL FIREFIGHTERS' PENSION TRUST FUND

SECTION 112.664, FLORIDA STATUTES COMPLIANCE  
DETERMINED AS OF THE  
OCTOBER 1, 2022 VALUATION DATE



June 23, 2023

VIA E-MAIL

Susy Pita, Plan Administrator  
City of Auburndale  
Municipal Firefighters' Pension Trust Fund  
233 Seaside Landings Dr. S.  
Flagler Beach, FL 32136

Re: City of Auburndale Municipal Firefighters' Pension Trust Fund  
Section 112.664, Florida Statutes Compliance

Dear Susy:

Please find enclosed the annual disclosures that satisfy the October 1, 2022 financial reporting requirements made under Section 112.664.

Our office will submit this information electronically to the Department of Management Services. However, it is important for you to be aware that this report must also be made available on the Plan or Plan Sponsor's website, if such website exists. A deadline for this website publication is not made clear in the law.

In addition to the enclosed report, the Plan or Plan Sponsor's website must provide a link to the Division of Retirement's Actuarial Summary Fact Sheet for the Plan, and also report the previous five years' assumed and actual rates of return, along with their respective asset allocations. The Board should contact its Investment Consultant for this information.

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 me or under my direct supervision and I acknowledge responsibility for the results. To the best of my knowledge, the results are complete and accurate, and in my opinion, meet the requirements of Section 112.664(1), Florida Statutes, and Rule 60T-1.0035, Florida Administrative Code.

If there are any questions, concerns, or comments about any of the items contained in this report, please feel free to contact me.

Respectfully submitted,

Foster & Foster, Inc.

By:



Patrick T. Donlan, EA, ASA, MAAA  
Enrolled Actuary #23-6595

Enclosures

cc via email: Scott Christiansen, Board Attorney  
cc via email: Christopher Reeder, Finance Director

When reviewing the following schedules, please note the following:

- 1) The purpose of producing this report is solely to satisfy the requirements set forth by Section 112.664, Florida Statutes, and is mandatory for every Florida public pension fund, excluding the Florida Retirement System (FRS).
- 2) None of the schedules shown have any impact on the funding requirements of the Plan. These schedules are for statutory compliance purposes only.
- 3) In the schedules that follow, the columns labeled “ACTUAL” represent the final recorded GASB 67/68 results. The columns labeled “HYPOTHETICAL” illustrate what the results would have been if different assumptions were used.
- 4) It is our opinion that the Plan’s actual assumptions utilized in the October 1, 2022 Actuarial Valuation Report, as adopted by the Board of Trustees, are reasonable individually and in the aggregate, and represent our best estimate of future Plan experience.
- 5) The “Number of Years Expected Benefit Payments Sustained” calculated in Section II: Asset Sustainability should not be interpreted as the number of years the Plan has left until it is insolvent. This calculation is required by 112.664, Florida Statutes, but the numeric result is irrelevant, since in its calculation we are to assume there will be no further contributions to the Fund. As long as the Actuarially Determined Contribution is made each year the Plan will never become insolvent.

SCHEDULE OF CHANGES IN NET PENSION LIABILITY  
FISCAL YEAR SEPTEMBER 30, 2022

	ACTUAL	HYPOTHETICAL	
Discount Rate:	7.25%	5.25%	9.25%
<u>Total Pension Liability</u>			
Service Cost	247,727	389,763	166,144
Interest	789,587	744,509	798,914
Changes of Benefit Terms	-	-	-
Differences Between Expected and Actual Experience	44,648	135,327	48,372
Changes of Assumptions	282,460	440,642	190,880
Benefit Payments, Including Refunds of Employee Contributions	(793,601)	(793,601)	(793,601)
Net Change in Total Pension Liability	570,821	916,640	410,709
Total Pension Liability - Beginning	10,676,894	13,543,569	8,640,277
Total Pension Liability - Ending (a)	<u>\$ 11,247,715</u>	<u>\$ 14,460,209</u>	<u>\$ 9,050,986</u>
<u>Plan Fiduciary Net Position</u>			
Contributions - Employer	360,761	360,761	360,761
Contributions - State	119,608	119,608	119,608
Contributions - Employee	109,284	109,284	109,284
Net Investment Income	(1,716,606)	(1,716,606)	(1,716,606)
Benefit Payments, Including Refunds of Employee Contributions	(793,601)	(793,601)	(793,601)
Administrative Expenses	(62,572)	(62,572)	(62,572)
Net Change in Plan Fiduciary Net Position	(1,983,126)	(1,983,126)	(1,983,126)
Plan Fiduciary Net Position - Beginning	10,011,315	10,011,315	10,011,315
Plan Fiduciary Net Position - Ending (b)	<u>\$ 8,028,189</u>	<u>\$ 8,028,189</u>	<u>\$ 8,028,189</u>
Net Pension Liability - Ending (a) - (b)	<u>\$ 3,219,526</u>	<u>\$ 6,432,020</u>	<u>\$ 1,022,797</u>

## PROJECTION OF THE NUMBER OF YEARS ASSETS WILL SUSTAIN BENEFIT PAYMENTS

Table 1  
Plan Assumptions: Discount Rate = 7.25%

Fiscal Year Beginning 10/1	Projected Beginning Fiduciary Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expense	Projected Investment Earnings	Projected Ending Fiduciary Net Position
2022	8,028,189	-	702,491	-	556,578	7,882,276
2023	7,882,276	-	648,924	-	547,942	7,781,294
2024	7,781,294	-	644,680	-	540,774	7,677,388
2025	7,677,388	-	720,132	-	530,506	7,487,762
2026	7,487,762	-	711,670	-	517,065	7,293,157
2027	7,293,157	-	702,767	-	503,279	7,093,669
2028	7,093,669	-	700,435	-	488,900	6,882,134
2029	6,882,134	-	709,487	-	473,236	6,645,883
2030	6,645,883	-	736,899	-	455,114	6,364,098
2031	6,364,098	-	804,393	-	432,238	5,991,943
2032	5,991,943	-	841,060	-	403,927	5,554,810
2033	5,554,810	-	846,318	-	372,045	5,080,537
2034	5,080,537	-	838,450	-	337,945	4,580,032
2035	4,580,032	-	825,360	-	302,133	4,056,805
2036	4,056,805	-	833,488	-	263,904	3,487,221
2037	3,487,221	-	822,171	-	223,020	2,888,070
2038	2,888,070	-	810,220	-	180,015	2,257,865
2039	2,257,865	-	822,866	-	133,866	1,568,865
2040	1,568,865	-	817,223	-	84,118	835,760
2041	835,760	-	800,420	-	31,577	66,917
2042	66,917	-	784,057	-	-	-

Number of Years Expected Benefit Payments Sustained: 20.09

This projection assumes no further contributions, assumes no further benefit accruals, and assumes Market Value of Assets earn 7.25% interest.

**It is important to note that as long as the Actuarially Determined Contribution is made each year, the Plan will never become insolvent. Furthermore, State and local laws mandate that the Actuarially Determined Contribution be made each year.**

## PROJECTION OF THE NUMBER OF YEARS ASSETS WILL SUSTAIN BENEFIT PAYMENTS

Table 2  
Hypothetical Assumptions: Discount Rate = 5.25%

Fiscal Year Beginning 10/1	Projected Beginning Fiduciary Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expense	Projected Investment Earnings	Projected Ending Fiduciary Net Position
2022	8,028,189	-	702,491	-	403,040	7,728,738
2023	7,728,738	-	648,924	-	388,724	7,468,538
2024	7,468,538	-	644,680	-	375,175	7,199,033
2025	7,199,033	-	720,132	-	359,046	6,837,947
2026	6,837,947	-	711,670	-	340,311	6,466,588
2027	6,466,588	-	702,767	-	321,048	6,084,869
2028	6,084,869	-	700,435	-	301,069	5,685,503
2029	5,685,503	-	709,487	-	279,865	5,255,881
2030	5,255,881	-	736,899	-	256,590	4,775,572
2031	4,775,572	-	804,393	-	229,602	4,200,781
2032	4,200,781	-	841,060	-	198,463	3,558,184
2033	3,558,184	-	846,318	-	164,589	2,876,455
2034	2,876,455	-	838,450	-	129,005	2,167,010
2035	2,167,010	-	825,360	-	92,102	1,433,752
2036	1,433,752	-	833,488	-	53,393	653,657
2037	653,657	-	822,171	-	-	-

Number of Years Expected Benefit Payments Sustained: 15.80

This projection assumes no further contributions, assumes no further benefit accruals, and assumes Market Value of Assets earn 5.25% interest.

**It is important to note that as long as the Actuarially Determined Contribution is made each year, the Plan will never become insolvent. Furthermore, State and local laws mandate that the Actuarially Determined Contribution be made each year.**

## PROJECTION OF THE NUMBER OF YEARS ASSETS WILL SUSTAIN BENEFIT PAYMENTS

Table 3  
Hypothetical Assumptions: Discount Rate = 9.25%

Fiscal Year Beginning 10/1	Projected Beginning Fiduciary Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expense	Projected Investment Earnings	Projected Ending Fiduciary Net Position
2022	8,028,189	-	702,491	-	710,117	8,035,815
2023	8,035,815	-	648,924	-	713,300	8,100,191
2024	8,100,191	-	644,680	-	719,451	8,174,962
2025	8,174,962	-	720,132	-	722,878	8,177,708
2026	8,177,708	-	711,670	-	723,523	8,189,561
2027	8,189,561	-	702,767	-	725,031	8,211,825
2028	8,211,825	-	700,435	-	727,199	8,238,589
2029	8,238,589	-	709,487	-	729,256	8,258,358
2030	8,258,358	-	736,899	-	729,817	8,251,276
2031	8,251,276	-	804,393	-	726,040	8,172,923
2032	8,172,923	-	841,060	-	717,096	8,048,959
2033	8,048,959	-	846,318	-	705,387	7,908,028
2034	7,908,028	-	838,450	-	692,714	7,762,292
2035	7,762,292	-	825,360	-	679,839	7,616,771
2036	7,616,771	-	833,488	-	666,002	7,449,285
2037	7,449,285	-	822,171	-	651,033	7,278,147
2038	7,278,147	-	810,220	-	635,756	7,103,683
2039	7,103,683	-	822,866	-	619,033	6,899,850
2040	6,899,850	-	817,223	-	600,440	6,683,067
2041	6,683,067	-	800,420	-	581,164	6,463,811
2042	6,463,811	-	784,057	-	561,640	6,241,394
2043	6,241,394	-	764,146	-	541,987	6,019,235
2044	6,019,235	-	744,493	-	522,346	5,797,088
2045	5,797,088	-	725,350	-	502,683	5,574,421
2046	5,574,421	-	702,952	-	483,122	5,354,591
2047	5,354,591	-	678,907	-	463,900	5,139,584
2048	5,139,584	-	653,687	-	445,178	4,931,075
2049	4,931,075	-	625,955	-	427,174	4,732,294
2050	4,732,294	-	598,155	-	410,073	4,544,212
2051	4,544,212	-	570,147	-	393,970	4,368,035
2052	4,368,035	-	541,839	-	378,983	4,205,179
2053	4,205,179	-	513,537	-	365,228	4,056,870
2054	4,056,870	-	486,095	-	352,779	3,923,554
2055	3,923,554	-	458,643	-	341,717	3,806,628
2056	3,806,628	-	430,709	-	332,193	3,708,112
2057	3,708,112	-	403,284	-	324,348	3,629,176
2058	3,629,176	-	376,508	-	318,285	3,570,953
2059	3,570,953	-	350,536	-	314,101	3,534,518
2060	3,534,518	-	325,514	-	311,888	3,520,892
2061	3,520,892	-	301,541	-	311,736	3,531,087
2062	3,531,087	-	278,622	-	313,739	3,566,204
2063	3,566,204	-	256,785	-	317,998	3,627,417
2064	3,627,417	-	236,019	-	324,620	3,716,018
2065	3,716,018	-	216,397	-	333,723	3,833,344
2066	3,833,344	-	197,967	-	345,428	3,980,805
2067	3,980,805	-	180,695	-	359,867	4,159,977
2068	4,159,977	-	164,583	-	377,186	4,372,580
2069	4,372,580	-	149,627	-	397,543	4,620,496
2070	4,620,496	-	135,794	-	421,115	4,905,817
2071	4,905,817	-	123,029	-	448,098	5,230,886
2072	5,230,886	-	111,268	-	478,711	5,598,329
2073	5,598,329	-	100,423	-	513,201	6,011,107
2074	6,011,107	-	90,413	-	551,846	6,472,540
2075	6,472,540	-	81,177	-	594,956	6,986,319
2076	6,986,319	-	72,663	-	642,874	7,556,530

## PROJECTION OF THE NUMBER OF YEARS ASSETS WILL SUSTAIN BENEFIT PAYMENTS

Table 3  
Hypothetical Assumptions: Discount Rate = 9.25%

Fiscal Year Beginning 10/1	Projected Beginning Fiduciary Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expense	Projected Investment Earnings	Projected Ending Fiduciary Net Position
2077	7,556,530	-	64,805	-	695,982	8,187,707
2078	8,187,707	-	57,558	-	754,701	8,884,850
2079	8,884,850	-	50,892	-	819,495	9,653,453
2080	9,653,453	-	44,789	-	890,873	10,499,537
2081	10,499,537	-	39,236	-	969,393	11,429,694
2082	11,429,694	-	34,215	-	1,055,664	12,451,143
2083	12,451,143	-	29,689	-	1,150,358	13,571,812
2084	13,571,812	-	25,623	-	1,254,208	14,800,397
2085	14,800,397	-	21,994	-	1,368,020	16,146,423
2086	16,146,423	-	18,766	-	1,492,676	17,620,333
2087	17,620,333	-	15,908	-	1,629,145	19,233,570
2088	19,233,570	-	13,391	-	1,778,486	20,998,665
2089	20,998,665	-	11,188	-	1,941,859	22,929,336
2090	22,929,336	-	9,271	-	2,120,535	25,040,600
2091	25,040,600	-	7,616	-	2,315,903	27,348,887
2092	27,348,887	-	6,197	-	2,529,485	29,872,175
2093	29,872,175	-	4,994	-	2,762,945	32,630,126
2094	32,630,126	-	3,986	-	3,018,102	35,644,242
2095	35,644,242	-	3,152	-	3,296,947	38,938,037
2096	38,938,037	-	2,465	-	3,601,654	42,537,226
2097	42,537,226	-	1,906	-	3,934,605	46,469,925
2098	46,469,925	-	1,455	-	4,298,401	50,766,871
2099	50,766,871	-	1,097	-	4,695,885	55,461,659
2100	55,461,659	-	815	-	5,130,166	60,591,010
2101	60,591,010	-	596	-	5,604,641	66,195,055
2102	66,195,055	-	428	-	6,123,023	72,317,650
2103	72,317,650	-	302	-	6,689,369	79,006,717
2104	79,006,717	-	209	-	7,308,112	86,314,620
2105	86,314,620	-	141	-	7,984,096	94,298,575
2106	94,298,575	-	93	-	8,722,614	103,021,096
2107	103,021,096	-	60	-	9,529,449	112,550,485
2108	112,550,485	-	37	-	10,410,918	122,961,366
2109	122,961,366	-	23	-	11,373,925	134,335,268
2110	134,335,268	-	13	-	12,426,012	146,761,267
2111	146,761,267	-	8	-	13,575,417	160,336,676
2112	160,336,676	-	4	-	14,831,142	175,167,814
2113	175,167,814	-	2	-	16,203,023	191,370,835
2114	191,370,835	-	1	-	17,701,802	209,072,636
2115	209,072,636	-	1	-	19,339,219	228,411,854
2116	228,411,854	-	-	-	21,128,096	249,539,950

Number of Years Expected Benefit Payments Sustained: 999.99

This projection assumes no further contributions, assumes no further benefit accruals, and assumes Market Value of Assets earn 9.25% interest.

**It is important to note that as long as the Actuarially Determined Contribution is made each year, the Plan will never become insolvent. Furthermore, State and local laws mandate that the Actuarially Determined Contribution be made each year.**

**ACTUAL AND HYPOTHETICAL CONTRIBUTIONS APPLICABLE TO THE FISCAL YEAR  
ENDING SEPTEMBER 30, 2024**

Valuation Date: 10/1/2022

Investment Rate of Return:	ACTUAL	HYPOTHETICAL	
	7.25%	5.25%	9.25%
Minimum Required Contribution (Fixed \$)	\$514,007	\$803,651	\$277,120
Minimum Required Contribution (% of Payroll)	42.9%	67.3%	23.1%
Expected Member Contribution	108,889	108,889	108,889
Expected State Money	119,608	119,608	119,608
Expected Sponsor Contribution (Fixed \$)	\$285,510	\$575,154	\$48,623
Expected Sponsor Contribution (% of Payroll)	23.8%	48.2%	4.0%

**ASSETS**

Actuarial Value <sup>1</sup>	9,398,443	9,398,443	9,398,443
Market Value <sup>1</sup>	8,028,189	8,028,189	8,028,189

**LIABILITIES**

Present Value of Benefits			
Active Members			
Retirement Benefits	4,526,021	7,159,582	3,014,772
Disability Benefits	148,160	203,559	112,937
Death Benefits	21,495	28,430	16,719
Vested Benefits	322,518	539,536	203,558
Refund of Contributions	140,024	145,377	135,113
Service Retirees	6,641,177	8,050,086	5,624,936
DROP Retirees <sup>1</sup>	0	0	0
Beneficiaries	164,375	191,708	143,331
Disability Retirees	293,523	361,332	246,817
Terminated Vested	835,199	1,124,100	644,246
Total:	13,092,492	17,803,710	10,142,429
Present Value of Future Salaries	9,366,873	10,560,268	8,413,779
Present Value of Future Member Contributions	852,385	960,984	765,654
Total Normal Cost	228,044	362,094	151,743
Present Value of Future Normal Costs (Entry Age Normal)	1,625,029	3,033,708	926,286
Total Actuarial Accrued Liability (EAN) <sup>1</sup>	11,467,463	14,770,002	9,216,143
Unfunded Actuarial Accrued Liability (UAAL)	2,069,020	5,371,559	(182,300)

ACTUAL AND HYPOTHETICAL CONTRIBUTIONS APPLICABLE TO THE FISCAL YEAR  
ENDING SEPTEMBER 30, 2024

Valuation Date: 10/1/2022

	ACTUAL	HYPOTHETICAL	
Investment Rate of Return:	7.25%	5.25%	9.25%
<b><u>PENSION COST</u></b>			
Normal Cost (with interest)	236,311	371,599	158,761
Administrative Expenses (with interest)	57,436	56,882	57,990
Payment Required To Amortize UAAL (with interest)	220,260	375,170	60,369
Minimum Required Contribution	\$514,007	\$803,651	\$277,120

<sup>1</sup> The asset values and liabilities include accumulated DROP Balances as of 9/30/2022.