

CITY OF MAITLAND  
MUNICIPAL POLICE OFFICERS AND FIREFIGHTERS  
PENSION TRUST FUND

SECTION 112.664, FLORIDA STATUTES COMPLIANCE  
DETERMINED AS OF THE  
OCTOBER 1, 2020 VALUATION DATE



May 18, 2021

VIA E-MAIL

Ms. Kim Kilgore, Plan Administrator  
Foster & Foster, Inc.  
2503 Del Prado Blvd S. Suite 502  
Cape Coral, FL 33904

Re: City of Maitland Municipal Police Officers and Firefighters Pension Trust Fund  
Section 112.664, Florida Statutes Compliance

Dear Kim:

Please find enclosed the annual disclosures that satisfy the October 1, 2020 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: 

Bradley R. Henrichs, FSA, EA, MAAA  
Enrolled Actuary #20-6901

Enclosures

cc via email: Stu Kaufman, Board Attorney

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, 2020 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, 2020

	ACTUAL	HYPOTHETICAL	
Discount Rate:	7.10%	5.10%	9.10%
<u>Total Pension Liability</u>			
Service Cost	1,011,144	1,601,689	671,700
Interest	3,048,548	2,845,070	3,138,149
Share Plan Allocation	256,147	256,147	256,147
Changes of Benefit Terms	-	-	-
Differences Between Expected and Actual Experience	430,417	634,631	274,528
Changes of Assumptions	727,050	549,177	754,019
Contributions - Buy Back	76,846	76,846	76,846
Benefit Payments, Including Refunds of Employee Contributions	(2,394,561)	(2,394,561)	(2,394,561)
Net Change in Total Pension Liability	3,155,591	3,568,999	2,776,828
Total Pension Liability - Beginning	42,235,079	53,787,402	34,451,511
Total Pension Liability - Ending (a)	<u>\$ 45,390,670</u>	<u>\$ 57,356,401</u>	<u>\$ 37,228,339</u>
<u>Plan Fiduciary Net Position</u>			
Contributions - Employer	1,441,993	1,441,993	1,441,993
Contributions - State	421,464	421,464	421,464
Contributions - Employee	415,757	415,757	415,757
Contributions - Buy Back	76,846	76,846	76,846
Net Investment Income	3,070,274	3,070,274	3,070,274
Benefit Payments, Including Refunds of Employee Contributions	(2,394,561)	(2,394,561)	(2,394,561)
Administrative Expenses	(106,213)	(106,213)	(106,213)
Net Change in Plan Fiduciary Net Position	2,925,560	2,925,560	2,925,560
Plan Fiduciary Net Position - Beginning	32,904,919	32,904,919	32,904,919
Plan Fiduciary Net Position - Ending (b)	<u>\$ 35,830,479</u>	<u>\$ 35,830,479</u>	<u>\$ 35,830,479</u>
Net Pension Liability - Ending (a) - (b)	<u>\$ 9,560,191</u>	<u>\$ 21,525,922</u>	<u>\$ 1,397,860</u>

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

Table 1  
Plan Assumptions: Discount Rate = 7.10%

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
2020	35,830,479	-	4,610,883	-	2,380,278	33,599,874
2021	33,599,874	-	2,492,586	-	2,297,104	33,404,392
2022	33,404,392	-	2,576,326	-	2,280,252	33,108,318
2023	33,108,318	-	2,654,774	-	2,256,446	32,709,990
2024	32,709,990	-	2,694,523	-	2,226,754	32,242,221
2025	32,242,221	-	2,794,048	-	2,190,009	31,638,182
2026	31,638,182	-	2,876,938	-	2,144,180	30,905,424
2027	30,905,424	-	2,910,467	-	2,090,964	30,085,921
2028	30,085,921	-	2,975,191	-	2,030,481	29,141,211
2029	29,141,211	-	3,072,051	-	1,959,968	28,029,128
2030	28,029,128	-	3,115,627	-	1,879,463	26,792,964
2031	26,792,964	-	3,147,346	-	1,790,570	25,436,188
2032	25,436,188	-	3,175,947	-	1,693,223	23,953,464
2033	23,953,464	-	3,162,309	-	1,588,434	22,379,589
2034	22,379,589	-	3,157,056	-	1,476,875	20,699,408
2035	20,699,408	-	3,144,650	-	1,358,023	18,912,781
2036	18,912,781	-	3,116,932	-	1,232,156	17,028,005
2037	17,028,005	-	3,107,915	-	1,098,657	15,018,747
2038	15,018,747	-	3,093,671	-	956,506	12,881,582
2039	12,881,582	-	3,092,672	-	804,802	10,593,712
2040	10,593,712	-	3,055,465	-	643,685	8,181,932
2041	8,181,932	-	2,998,339	-	474,476	5,658,069
2042	5,658,069	-	2,945,336	-	297,163	3,009,896
2043	3,009,896	-	2,881,752	-	111,400	239,544
2044	239,544	-	2,803,194	-	-	-

\*All DROP and Share Balances paid in 2020.

Number of Years Expected Benefit Payments Sustained: 24.09

This projection assumes no further contributions, assumes no further benefit accruals, and assumes Market Value of Assets earn 7.10% 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 = 5.10%

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
2020	35,830,479	-	4,610,883	-	1,709,777	32,929,373
2021	32,929,373	-	2,492,586	-	1,615,837	32,052,624
2022	32,052,624	-	2,576,326	-	1,568,988	31,045,286
2023	31,045,286	-	2,654,774	-	1,515,613	29,906,125
2024	29,906,125	-	2,694,523	-	1,456,502	28,668,104
2025	28,668,104	-	2,794,048	-	1,390,825	27,264,881
2026	27,264,881	-	2,876,938	-	1,317,147	25,705,090
2027	25,705,090	-	2,910,467	-	1,236,743	24,031,366
2028	24,031,366	-	2,975,191	-	1,149,732	22,205,907
2029	22,205,907	-	3,072,051	-	1,054,164	20,188,020
2030	20,188,020	-	3,115,627	-	950,141	18,022,534
2031	18,022,534	-	3,147,346	-	838,892	15,714,080
2032	15,714,080	-	3,175,947	-	720,431	13,258,564
2033	13,258,564	-	3,162,309	-	595,548	10,691,803
2034	10,691,803	-	3,157,056	-	464,777	7,999,524
2035	7,999,524	-	3,144,650	-	327,787	5,182,661
2036	5,182,661	-	3,116,932	-	184,834	2,250,563
2037	2,250,563	-	3,107,915	-	-	-

\*All DROP and Share Balances paid in 2020.

Number of Years Expected Benefit Payments Sustained: 17.72

This projection assumes no further contributions, assumes no further benefit accruals, and assumes Market Value of Assets earn 5.10% 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 = 9.10%

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
2020	35,830,479	-	4,610,883	-	3,050,778	34,270,374
2021	34,270,374	-	2,492,586	-	3,005,191	34,782,979
2022	34,782,979	-	2,576,326	-	3,048,028	35,254,681
2023	35,254,681	-	2,654,774	-	3,087,384	35,687,291
2024	35,687,291	-	2,694,523	-	3,124,943	36,117,711
2025	36,117,711	-	2,794,048	-	3,159,583	36,483,246
2026	36,483,246	-	2,876,938	-	3,189,075	36,795,383
2027	36,795,383	-	2,910,467	-	3,215,954	37,100,870
2028	37,100,870	-	2,975,191	-	3,240,808	37,366,487
2029	37,366,487	-	3,072,051	-	3,260,572	37,555,008
2030	37,555,008	-	3,115,627	-	3,275,745	37,715,126
2031	37,715,126	-	3,147,346	-	3,288,872	37,856,652
2032	37,856,652	-	3,175,947	-	3,300,450	37,981,155
2033	37,981,155	-	3,162,309	-	3,312,400	38,131,246
2034	38,131,246	-	3,157,056	-	3,326,297	38,300,487
2035	38,300,487	-	3,144,650	-	3,342,263	38,498,100
2036	38,498,100	-	3,116,932	-	3,361,507	38,742,675
2037	38,742,675	-	3,107,915	-	3,384,173	39,018,933
2038	39,018,933	-	3,093,671	-	3,409,961	39,335,223
2039	39,335,223	-	3,092,672	-	3,438,789	39,681,340
2040	39,681,340	-	3,055,465	-	3,471,978	40,097,853
2041	40,097,853	-	2,998,339	-	3,512,480	40,611,994
2042	40,611,994	-	2,945,336	-	3,561,679	41,228,337
2043	41,228,337	-	2,881,752	-	3,620,659	41,967,244
2044	41,967,244	-	2,803,194	-	3,691,474	42,855,524
2045	42,855,524	-	2,728,061	-	3,775,726	43,903,189
2046	43,903,189	-	2,648,445	-	3,874,686	45,129,430
2047	45,129,430	-	2,566,459	-	3,990,004	46,552,975
2048	46,552,975	-	2,479,497	-	4,123,504	48,196,982
2049	48,196,982	-	2,392,031	-	4,277,088	50,082,039
2050	50,082,039	-	2,301,632	-	4,452,741	52,233,148
2051	52,233,148	-	2,214,170	-	4,652,472	54,671,450
2052	54,671,450	-	2,121,532	-	4,878,572	57,428,490
2053	57,428,490	-	2,028,295	-	5,133,705	60,533,900
2054	60,533,900	-	1,935,006	-	5,420,542	64,019,436
2055	64,019,436	-	1,841,099	-	5,741,999	67,920,336
2056	67,920,336	-	1,747,395	-	6,101,244	72,274,185
2057	72,274,185	-	1,654,052	-	6,501,691	77,121,824
2058	77,121,824	-	1,561,674	-	6,947,030	82,507,180
2059	82,507,180	-	1,470,167	-	7,441,261	88,478,274
2060	88,478,274	-	1,380,226	-	7,988,723	95,086,771
2061	95,086,771	-	1,291,815	-	8,594,119	102,389,075
2062	102,389,075	-	1,205,664	-	9,262,548	110,445,959
2063	110,445,959	-	1,121,826	-	9,999,539	119,323,672
2064	119,323,672	-	1,040,539	-	10,811,110	129,094,243
2065	129,094,243	-	962,025	-	11,703,804	139,836,022
2066	139,836,022	-	886,469	-	12,684,744	151,634,297
2067	151,634,297	-	813,990	-	13,761,684	164,581,991
2068	164,581,991	-	744,652	-	14,943,080	178,780,419
2069	178,780,419	-	678,473	-	16,238,148	194,340,094

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

Table 3  
Hypothetical Assumptions: Discount Rate = 9.10%

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
2070	194,340,094	-	615,491	-	17,656,944	211,381,547
2071	211,381,547	-	555,756	-	19,210,434	230,036,225
2072	230,036,225	-	499,315	-	20,910,578	250,447,488
2073	250,447,488	-	446,198	-	22,770,419	272,771,709
2074	272,771,709	-	396,413	-	24,804,189	297,179,485
2075	297,179,485	-	350,001	-	27,027,408	323,856,892
2076	323,856,892	-	307,007	-	29,457,008	353,006,893
2077	353,006,893	-	267,450	-	32,111,458	384,850,901
2078	384,850,901	-	231,292	-	35,010,908	419,630,517
2079	419,630,517	-	198,472	-	38,177,347	457,609,392
2080	457,609,392	-	168,848	-	41,634,772	499,075,316
2081	499,075,316	-	142,275	-	45,409,380	544,342,421
2082	544,342,421	-	118,640	-	49,529,762	593,753,543
2083	593,753,543	-	97,835	-	54,027,121	647,682,829
2084	647,682,829	-	79,744	-	58,935,509	706,538,594
2085	706,538,594	-	64,234	-	64,292,089	770,766,449
2086	770,766,449	-	51,126	-	70,137,421	840,852,744
2087	840,852,744	-	40,214	-	76,515,770	917,328,300
2088	917,328,300	-	31,278	-	83,475,452	1,000,772,474
2089	1,000,772,474	-	24,071	-	91,069,200	1,091,817,603
2090	1,091,817,603	-	18,340	-	99,354,567	1,191,153,830
2091	1,191,153,830	-	13,844	-	108,394,369	1,299,534,355
2092	1,299,534,355	-	10,360	-	118,257,155	1,417,781,150
2093	1,417,781,150	-	7,688	-	129,017,735	1,546,791,197
2094	1,546,791,197	-	5,658	-	140,757,741	1,687,543,280
2095	1,687,543,280	-	4,127	-	153,566,251	1,841,105,404
2096	1,841,105,404	-	2,980	-	167,540,456	2,008,642,880
2097	2,008,642,880	-	2,127	-	182,786,405	2,191,427,158
2098	2,191,427,158	-	1,497	-	199,419,803	2,390,845,464
2099	2,390,845,464	-	1,036	-	217,566,890	2,608,411,318
2100	2,608,411,318	-	704	-	237,365,398	2,845,776,012
2101	2,845,776,012	-	469	-	258,965,596	3,104,741,139
2102	3,104,741,139	-	305	-	282,531,430	3,387,272,264
2103	3,387,272,264	-	193	-	308,241,767	3,695,513,838
2104	3,695,513,838	-	118	-	336,291,754	4,031,805,474
2105	4,031,805,474	-	71	-	366,894,295	4,398,699,698
2106	4,398,699,698	-	41	-	400,281,671	4,798,981,328
2107	4,798,981,328	-	23	-	436,707,300	5,235,688,605
2108	5,235,688,605	-	13	-	476,447,662	5,712,136,254
2109	5,712,136,254	-	7	-	519,804,399	6,231,940,646
2110	6,231,940,646	-	4	-	567,106,599	6,799,047,241
2111	6,799,047,241	-	2	-	618,713,299	7,417,760,538
2112	7,417,760,538	-	1	-	675,016,209	8,092,776,746
2113	8,092,776,746	-	-	-	736,442,684	8,829,219,430

\*All DROP and Share Balances paid in 2020.

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 9.10% 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, 2022**

Valuation Date: 10/1/2020

	ACTUAL	HYPOTHETICAL	
Investment Rate of Return:	7.10%	5.10%	9.10%
Minimum Required Contribution (Fixed \$)	\$2,353,350	\$3,746,356	\$1,272,446
Minimum Required Contribution (% of Payroll)	37.5%	59.7%	20.3%
Expected Member Contribution	433,465	433,465	433,465
Expected State Money	165,317	165,317	165,317
Expected Sponsor Contribution (Fixed \$)	\$1,754,568	\$3,147,574	\$673,664
Expected Sponsor Contribution (% of Payroll)	29.8%	52.9%	11.3%

**ASSETS**

Actuarial Value <sup>1</sup>	35,385,505	35,385,505	35,385,505
Market Value <sup>1</sup>	35,830,479	35,830,479	35,830,479

**LIABILITIES**

Present Value of Benefits			
Active Members			
Retirement Benefits	23,072,253	34,033,449	16,467,876
Disability Benefits	1,613,278	2,256,289	1,206,053
Death Benefits	105,989	134,571	85,507
Vested Benefits	1,450,373	2,560,915	861,422
Refund of Contributions	96,086	98,193	94,104
Service Retirees	19,793,492	24,052,789	16,743,296
DROP Retirees <sup>1</sup>	2,107,969	2,627,944	1,764,419
Beneficiaries	305,736	365,405	261,489
Disability Retirees	2,138,998	2,573,326	1,827,368
Terminated Vested	1,421,532	1,942,477	1,090,867
Share Plan Balances <sup>1</sup>	1,979,125	1,979,125	1,979,125
Total:	54,084,831	72,624,483	42,381,526
Present Value of Future Salaries	43,503,359	48,132,722	39,676,627
Present Value of Future Member Contributions	3,006,082	3,325,971	2,741,655
Total Normal Cost	1,181,743	1,860,398	780,317
Present Value of Future Normal Costs (Entry Age Normal)	8,414,392	14,784,644	5,015,017
Total Actuarial Accrued Liability <sup>1</sup>	45,670,439	57,839,839	37,366,509
Unfunded Actuarial Accrued Liability (UAAL)	10,284,934	22,454,334	1,981,004

ACTUAL AND HYPOTHETICAL CONTRIBUTIONS APPLICABLE TO THE FISCAL YEAR  
ENDING SEPTEMBER 30, 2022

Valuation Date: 10/1/2020

	ACTUAL	HYPOTHETICAL	
	7.10%	5.10%	9.10%
Investment Rate of Return:			
<b><u>PENSION COST</u></b>			
Normal Cost <sup>2</sup>	1,245,439	1,960,673	822,376
Administrative Expenses <sup>2</sup>	96,952	96,952	96,952
Payment Required To Amortize UAAL <sup>2</sup>	1,010,959	1,688,731	353,118
Minimum Required Contribution	\$2,353,350	\$3,746,356	\$1,272,446

<sup>1</sup> The asset values and liabilities include accumulated DROP and Share Plan Balances as of 9/30/2020.

<sup>2</sup> Contributions developed as of 10/1/2020 displayed above have been adjusted to account for assumed salary increase components.