



CATHERINE E. PUGH
Mayor

*Office of Government Relations
88 State Circle
Annapolis, Maryland 21401*

October 13, 2017

The Honorable Joan Carter Conway
Chair
Baltimore City Senate Delegation
2W Miller Senate Office Bldg.
11 Bladen St
Annapolis, MD 21401

The Honorable Curt Anderson
Chair
Baltimore City House Delegation
314 House Office Building
6 Bladen Street
Annapolis, MD 21401

Re: Report required by Article II – General Powers Section (7) of the Charter of Baltimore City, as amended by Ch. 603 of the Laws of Maryland of 2017 (MSAR # 11237)

Chairs Conway and Anderson:

Pursuant to requirements established in the Charter of Baltimore City by Ch. 603 of the Laws of Maryland of 2017, the Baltimore City Fire Department respectfully submits this report to the Members of the Baltimore City Delegation to the General Assembly detailing the current condition of the City's motorized fire equipment as well as the department's anticipated needs for the following two years.

As required, five color copies will be sent to the DLS library (MSAR# 11237)

Thank you for your attention to this matter.

Sincerely,

Karen Stokes,
Director of Government Relations

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www.baltimorecity.gov*

Data contained in this file includes:

a. **“Condition of Equipment”**: Fleet has queried data from its FASTER asset management database to present the following information:

- o Actual Meter Reading vs. Meter Life Expectance
- o Maintenance Cost* (Life to date) vs. Acquisition Cost

* to refine this data, Fleet will exclude costs associated with accidents as they are not considered regular maintenance costs

- o Age(Current life months) vs. Expected life months

b. **“Anticipated Needs”**: Fleet has extracted, from the analytical mechanism (CARCAP software) used to identify City-wide vehicle replacement needs, the "Fire Equipment" subset. This data will be provided to the Fire Dept., for their review, which will allow them the opportunity to make any updates based on operational need changes.

Please note that:

Fleet is defining "Fire Equipment" as the assets categorized/identified as Engine and Ladder Trucks. If the Fire Department is defining it differently, they will need to advise Fleet accordingly.

Vehicle	Agency Code	Make	Model	Year	Date In Service	Mileage - Life Exp	Mileage - Last Recorded	Life Exp to Actual Mileage	Acquisition Cost	Life Maintenance Cost	Acquisition Cost to Life Maintenance Cost	Age (mths) - Life Exp	Age (mths) - Current	Expected Life to Age (mths)
000024	64-00	PIERCE	SABER	2000	4/28/2000	100000	27678	72322	\$209,353.00	\$350,624.18	(\$141,271.18)	240	209	31
000026	64-00	PIERCE	SABER	2000	4/28/2000	100000	64456	35544	\$209,353.00	\$442,884.25	(\$233,531.25)	240	209	31
000028	64-00	PIERCE	SABER	2000	4/28/2000	100000	59021	40979	\$209,353.00	\$339,275.29	(\$129,922.29)	240	209	31
000031	64-00	PIERCE	SABER	2000	4/28/2000	100000	65210	34790	\$209,353.00	\$416,206.31	(\$206,853.31)	240	209	31
000036	64-00	PIERCE	SABER	2000	5/8/2000	100000	239800	(139800)	\$209,353.00	\$339,902.04	(\$130,549.04)	240	208	32
000042	64-00	PIERCE	SABER	2000	5/8/2000	100000	33810	66190	\$209,353.00	\$572,294.43	(\$362,941.43)	240	208	32
000043	64-00	PIERCE	SABER	2000	5/8/2000	100000	136610	(36610)	\$209,353.00	\$408,764.31	(\$199,411.31)	240	208	32
000044	64-00	PIERCE	SABER	2000	5/8/2000	100000	93920	6080	\$209,353.00	\$324,366.20	(\$115,013.20)	240	208	32
980049	64-00	PIERCE	SABER	1998	5/5/1998	100000	114082	(14082)	\$199,071.00	\$252,589.94	(\$53,518.94)	240	232	8
980051	64-00	SABER	PUMPER	1998	5/5/1998	100000	145442	(45442)	\$199,071.00	\$301,861.04	(\$102,790.04)	240	232	8
030034	64-00	PIERCE	PUMPER	2003	4/7/2003	100000	38301	61699	\$248,028.00	\$297,904.33	(\$49,876.33)	240	173	67
030056	64-00	PIERCE	PUMPER	2003	4/7/2003	100000	32283	67717	\$248,028.00	\$199,292.01	\$48,735.99	240	173	67
030052	64-00	PIERCE	PUMPER	2003	4/8/2003	100000	95190	4810	\$248,028.00	\$499,487.81	(\$251,459.81)	240	173	67
030055	64-00	PIERCE	PUMPER	2003	4/8/2003	100000	61060	38940	\$248,028.00	\$465,512.69	(\$217,484.69)	240	173	67
030053	64-00	PIERCE	PUMPER	2003	4/8/2003	100000	37699	62301	\$248,028.00	\$305,891.08	(\$57,863.08)	240	173	67
030054	64-00	PIERCE	PUMPER	2003	4/8/2003	100000	27986	72014	\$248,028.00	\$264,560.52	(\$16,532.52)	240	173	67
030058	64-00	PIERCE	PUMPER	2003	4/8/2003	100000	48930	51070	\$248,028.00	\$412,662.36	(\$164,634.36)	240	173	67
030057	64-00	PIERCE	PUMPER	2003	4/8/2003	100000	82600	17400	\$248,028.00	\$210,142.59	\$37,885.41	240	173	67
030063	64-00	PIERCE	PUMPER	2003	4/8/2003	100000	69355	30645	\$248,028.00	\$425,939.23	(\$177,911.23)	240	173	67
030064	64-00	PIERCE	PUMPER	2003	4/8/2003	100000	35510	64490	\$248,028.00	\$390,904.49	(\$142,876.49)	240	173	67
030027	64-00	PIERCE	ENFORCE	2003	11/18/2003	100000	36669	63331	\$252,343.00	\$452,882.92	(\$200,539.92)	240	166	74
030029	64-00	PIERCE	ENFORCE	2003	11/18/2003	100000	110510	(10510)	\$252,343.00	\$229,730.79	\$22,612.21	240	166	74
030030	64-00	PIERCE	ENFORCE	2003	11/18/2003	100000	109630	(9630)	\$252,343.00	\$372,769.91	(\$120,426.91)	240	166	74
060123	64-00	PIERCE	PUMPER	2006	7/21/2006	100000	6263	93737	\$286,000.00	\$161,174.75	\$124,825.25	240	134	106
060136	64-00	PIERCE	PUMPER	2006	7/24/2006	100000	103209	(3209)	\$286,000.00	\$319,765.80	(\$33,765.80)	240	134	106
060104	64-00	PIERCE	PUMPER	2006	7/21/2006	100000	117233	(17233)	\$286,000.00	\$332,039.40	(\$46,039.40)	240	134	106
060155	64-00	PIERCE	PUMPER	2006	7/21/2006	100000	88085	11915	\$286,000.00	\$236,678.78	\$49,321.22	240	134	106
060133	64-00	PIERCE	PUMPER	2006	7/21/2006	100000	147380	(47380)	\$286,000.00	\$412,111.78	(\$126,111.78)	240	134	106
060105	64-00	PIERCE	PUMPER	2006	11/21/2006	100000	70740	29260	\$286,000.00	\$261,856.76	\$24,143.24	240	130	110
080109	64-00	PIERCE	PUMPER	2008	4/21/2008	100000	83285	16715	\$350,000.00	\$141,856.68	\$208,143.32	240	113	127
080114	64-00	PIERCE	PUMPER	2008	4/21/2008	100000	20555	79445	\$350,000.00	\$188,836.92	\$161,163.08	240	113	127
080115	64-00	PIERCE	PUMPER	2008	4/29/2008	100000	92778	7222	\$350,000.00	\$281,997.15	\$68,002.85	240	113	127
080116	64-00	PIERCE	PUMPER	2008	4/29/2008	100000	99999	1	\$350,000.00	\$176,852.26	\$173,147.74	240	113	127
090101	64-00	PIERCE	PUMPER	2009	10/8/2009	100000	86766	13234	\$449,012.00	\$172,978.96	\$276,033.04	101	95	6
090102	64-00	PIERCE	PUMPER	2009	10/8/2009	100000	69682	30318	\$449,012.00	\$123,221.77	\$325,790.23	101	95	6
090103	64-00	PIERCE	PUMPER	2009	10/8/2009	100000	72168	27832	\$449,012.00	\$262,743.90	\$186,268.10	101	95	6
090108	64-00	PIERCE	PUMPER	2009	10/8/2009	100000	80203	19797	\$449,012.00	\$164,709.53	\$284,302.47	101	95	6
130122	64-00	PIERCE	PUMPER	2014	10/23/2014	100000	23707	76293	\$537,901.00	\$34,296.15	\$503,604.85	120	35	85
130126	64-00	PIERCE	PUMPER	2014	10/16/2014	100000	29244	70756	\$537,901.00	\$64,571.10	\$473,329.90	120	35	85
130107	64-00	PIERCE	PUMPER	2014	10/16/2014	100000	24191	75809	\$537,901.00	\$51,501.08	\$486,399.92	120	35	85
130125	64-00	PIERCE	PUMPER	2014	10/23/2014	100000	30756	69244	\$537,901.00	\$70,232.21	\$467,668.79	120	35	85
160035	64-00	PIERCE	ENFORCE	2017	12/5/2016	100000	11028	88972	\$503,135.00	\$4,047.17	\$499,087.83	120	9	111
150047	64-00	PIERCE	ENFORCE	2016	1/7/2016	100000	12152	87848	\$601,598.00	\$7,872.51	\$593,725.49	120	20	100
150048	64-00	PIERCE	ENFORCE	2015	12/8/2015	100000	154950	(54950)	\$488,966.00	\$28,194.64	\$460,771.36	120	21	99
150049	64-00	PIERCE	ENFORCE	2015	12/10/2015	100000	25572	74428	\$488,966.00	\$12,704.26	\$476,261.74	120	21	99
150026	64-00	PIERCE	ENFORCE	2016	12/8/2015	100000	20574	(20573)	\$488,966.00	\$24,071.92	\$464,894.08	120	21	99
160041	64-00	PIERCE	ENFORCE	2017	12/5/2016	100000	7299	92701	\$503,135.00	\$3,892.43	\$499,242.57	120	9	111
160051	64-00	PIERCE	ENFORCE	2017	12/2/2016	100000	12068	87932	\$503,135.00	\$6,914.35	\$496,220.65	120	9	111
160050	64-00	PIERCE	ENFORCE	2017	12/5/2016	100000	7495	92505	\$503,135.00	\$4,425.56	\$498,709.44	120	9	111

Vehicle	Agency		Year	Date In Service	Mileage			Acquisition Cost	Life Maintenance Cost	Acquisition Cost to Life Maintenance Cost	Age (mths) Life Exp	Age (mths) - Current	Expected Life to Age (mths)	
	Code	Make			Model	- Life Exp	Mileage - Last Recorded							Life Exp to Actual Mileage
940304	64-00	SEAGRAVE	LADDER	1994	5/25/1994	100000	116861	(16861)	\$431,400.00	\$668,459.14	(\$237,059.14)	240	280	(40)
010311	64-00	SEAGRAVE	TT06DA	2000	2/6/2001	100000	60594	39406	\$494,691.00	\$519,389.90	(\$24,698.90)	240	199	41
000312	64-00	SEAGRAVE	TT06DA	2000	7/26/2000	100000	100001	(1)	\$494,691.00	\$469,960.24	\$24,730.76	240	206	34
000319	64-00	SEAGRAVE	TT06DA	2000	7/18/2000	100000	19872	80128	\$494,691.00	\$576,431.04	(\$81,740.04)	240	206	34
010324	64-00	SEAGRAVE	TT06DA	2000	2/16/2001	100000	135310	(35310)	\$494,691.00	\$463,584.72	\$31,106.28	240	199	41
940360	64-00	SEAGRAVE	LADDER	1994	8/15/1994	100000	38958	61042	\$420,151.00	\$410,914.06	\$9,236.94	240	277	(37)
020323	64-00	SEAGRAVE	LR06DA	2002	8/20/2002	100000	88647	11353	\$465,461.00	\$456,280.67	\$9,180.33	240	181	59
030325	64-00	SEAGRAVE	AERIAL 100	2003	7/10/2003	100000	73061	26939	\$469,461.00	\$526,198.39	(\$56,737.39)	240	170	70
030326	64-00	SEAGRAVE	AERIAL 100	2003	7/10/2003	100000	63500	36500	\$469,461.00	\$368,823.81	\$100,637.19	240	170	70
040320	64-00	SEAGRAVE	AERIAL 100	2003	1/14/2004	100000	49701	50299	\$469,461.00	\$465,630.77	\$3,830.23	240	164	76
040338	64-00	PIERCE	DDCSERIES60	2004	9/10/2004	100000	307290	(207290)	\$473,377.00	\$655,349.84	(\$181,972.84)	120	156	(36)
060330	64-00	SEAGRAVE	AERIAL 100	2006	7/18/2006	100000	91221	8779	\$542,820.00	\$503,539.42	\$39,280.58	240	134	106
070327	64-00	SEAGRAVE	AERIAL 100	2007	3/15/2007	100000	59160	40840	\$472,172.00	\$275,688.27	\$196,483.73	240	126	114
070309	64-00	SEAGRAVE	AERIAL 100	2006	4/12/2007	100000	66810	33190	\$472,172.00	\$381,359.71	\$90,812.29	240	125	115
070337	64-00	PIERCE	LADDER	2007	6/28/2007	100000	43664	56336	\$614,298.00	\$301,285.10	\$313,012.90	240	123	117
070341	64-00	PIERCE	LADDER	2007	6/28/2007	100000	24630	75370	\$614,298.00	\$506,908.69	\$107,389.31	240	123	117
070322	64-00	PIERCE	AERIAL LADDER	2007	8/8/2007	100000	59141	40859	\$660,426.00	\$355,104.37	\$305,321.63	180	121	59
070343	64-00	PIERCE	AERIAL LADDER	2007	9/11/2007	100000	80310	19690	\$614,298.00	\$511,949.81	\$102,348.19	180	120	60
070342	64-00	PIERCE	AERIAL LADDER	2007	9/11/2007	100000	73166	26834	\$614,298.00	\$442,507.65	\$171,790.35	180	120	60
070346	64-00	PIERCE	LADDER	2007	10/10/2007	100000	68754	31246	\$660,426.00	\$498,183.75	\$162,242.25	180	119	61
080328	64-00	SEAGRAVE	TT06DA	2008	8/12/2008	100000	77999	22001	\$673,257.00	\$326,841.76	\$346,415.24	240	109	131
130306	64-00	PIERCE	LADDER 100	2014	4/29/2014	100000	18779	81221	\$905,229.00	\$53,340.38	\$851,888.62	120	41	79
130302	64-00	PIERCE	LADDER 100	2014	4/29/2014	100000	21227	78773	\$905,229.00	\$86,209.96	\$819,019.04	120	41	79
130317	64-00	PIERCE	AERIAL LADDER	2013	6/17/2013	100000	32510	67490	\$905,229.00	\$141,096.57	\$764,132.43	120	51	69
130305	64-00	PIERCE	AERIAL LADDER	2013	6/17/2013	100000	21530	78470	\$905,229.00	\$127,955.42	\$777,273.58	120	51	69
150317	64-00	PIERCE	Arrow XT	2016	1/20/2016	100000	27135	72865	\$984,784.00	\$27,482.59	\$957,301.41	120	20	100
160321	64-00	PIERCE	ENFORCER	2017	4/12/2017	100000	6329	93671	\$1,037,452.00	\$4,211.94	\$1,033,240.06	120	5	115
150301	64-00	PIERCE	Arrow XT	2016	1/7/2016	100000	15965	84035	\$984,784.00	\$58,953.74	\$925,830.26	120	20	100
160341	64-00	PIERCE	Arrow	2017	8/7/2017	100000	1263	98737	\$1,422,492.00	\$1,236.55	\$1,421,255.45	120	1	119

FY2019 (data obtained from Fleet Management's CARCAP Fleet Replacement Software)

Turn In Asset	Turn in Dept	Division	Turn in Year	Turn in Make	Turn in Model	Equip Descp (Replacement)	Replacement Cycle	Estimated Price	Replacement Year
940304	64-00	FIRE Fire Department	1994	SEAGRAVE	LADDER	>33,000 GVW Straight Trucks Fire Apparatus Aerial Ladder Truck	180	\$1,074,555.00	FY19
940360	64-00	FIRE Fire Department	1994	SEAGRAVE	LADDER	>33,000 GVW Straight Trucks Fire Apparatus Aerial Ladder Truck	180	\$1,074,555.00	FY19
030055	64-00	FIRE Fire Department	2003	PIERCE	PUMPER	>33,000 GVW Straight Trucks Fire Apparatus Pumper	180	\$576,216.00	FY19
030030	64-00	FIRE Fire Department	2003	PIERCE	ENFORCER	>33,000 GVW Straight Trucks Fire Apparatus Pumper	180	\$576,216.00	FY19
030056	64-00	FIRE Fire Department	2003	PIERCE	PUMPER	>33,000 GVW Straight Trucks Fire Apparatus Pumper	180	\$576,216.00	FY19
030057	64-00	FIRE Fire Department	2003	PIERCE	PUMPER	>33,000 GVW Straight Trucks Fire Apparatus Pumper	180	\$576,216.00	FY19
030034	64-00	FIRE Fire Department	2003	PIERCE	PUMPER	>33,000 GVW Straight Trucks Fire Apparatus Pumper	180	\$576,216.00	FY19

FY2020 (data obtained from Fleet Management's CARCAP Fleet Replacement Software)

Turn In Asset	Turn in Dept	Division	Turn in Year	Turn in Make	Turn in Model	Equip Descp (Replacement)	Replacement Cycle	Estimated Price	Replacement Year
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