



**TOPEKA FIRE
DEPARTMENT**

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PROPOSAL FOR CHANGES TO 2023-2025 CIP/CIB FOR FIRE FLEET REPLACEMENT

The following information is presented for your consideration in adjusting the allotted amounts for Fire Department fleet replacement. It has been a long stated goal to maintain a fleet replacement plan that rotates front line apparatus out to a reserve status at ten (10) years of age with reserve apparatus being sold off at surplus at 15 years of age. The Fire Department operates 12 engine companies, four (4) rescue body style truck companies, and two (2) aerial device truck companies for a total of 18 front line apparatus. Additionally, the Department normally maintains four (4) reserve engines, two (2) reserve rescue body style trucks, and one (1) reserve aerial apparatus. Due to a number of circumstances, the current replacement plan is failing to meet that goal.

Prior to 2011, for budgetary and other reasons, there were multiple years where one (1) or no fire apparatus were purchased. The Fire Department fleet deteriorated to a point where in 2011, the City took the step of purchasing eight (8) fire apparatus in that year. This included five (5) engine companies, two (2) rescue body trucks, and one (1) aerial apparatus. While efforts have been made since 2011 to maintain an adequate fleet, the Fire Department fleet has fallen behind. The fleet is currently operating all of the 2011 apparatus in a front line status as we enter 2022. There are two (2) engine companies being built currently which will move two (2) of those to a reserve status later this year and one (1) rescue body truck on order with an expected delivery date of early 2023. These apparatus are being paid with GO bonds budgeted in 2021 and 2022. This leaves three (3) engines, one (1) truck and one (1) aerial in front line status that are all beyond ten (10) years of age. Please note that the aerial is scheduled to be replaced in 2023.

Under the current replacement plan, the other three (3) 2011 engines would not be replaced as front line apparatus until 2024 and 2025, and the remaining 2011 truck company would be replaced in 2025. The fleet has three (3) 2014 engine companies that would be replaced during 2026 and 2027, and two (2) 2016 engines that would be replaced in 2027 and 2028. With the ages of the other current front line apparatus, it would be 2031 before the Fire Department was back on schedule with the 10/15 goal.

What cannot be overlooked in this discussion is the state of the fleet's reserve apparatus. The Department is currently operating three (3) reserve engines, two (2) reserve rescue body trucks and one (1) reserve aerial. The reserve aerial is the only one of these apparatus that is not over 15 years of age with the other reserve apparatus ranging in age from 17-22 years old. The reserve apparatus are an integral part of the fleet as periodic maintenance requirements



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and repairs of front line apparatus require extensive usage of the reserves. Recent supply chain issues for parts has exacerbated the down time for front line apparatus putting additional stress on the reserves.

Another aspect of this discussion to take into consideration is the maintenance and repair costs that are associated with these apparatus. A substantial increase in these costs are seen as the apparatus ages. As an example, in reviewing the eight (8) 2011 apparatus, on average, 65% of the costs incurred for maintenance and repair has been incurred since these apparatus reached seven (7) years of age and continue to increase.

After analyzing the current replacement plan, and in discussions with Fire Fleet personnel, we are asking for support to accelerate the replacement plan for a period of two (2) years which we feel will allow the Department to rectify the current situation. The request is for additional monies within the CIB for 2024 and 2025 which would allow for the purchase of three (3) apparatus in each of those years instead of the current two (2) apparatus that is budgeted. If these monies are approved, this would allow for all but one (1) of the 2011 apparatus to be replaced in 2023 and 2024 with the last one being replaced in 2025. This would also accelerate the replacement of 2014 and 2016 apparatus and would put the overall plan in compliance with the 10/15 year plan by the end of 2027. Given the current supply chain issues which are causing fluctuation in pricing, we are requesting the following increases, \$908,500 for 2024 and \$961,500 for 2025. These figures are based on current pricing with a 3% standard allowance for price increases from one year to the next.

The Fire Department is sensitive to the amount of this request but feel the request is warranted for the long term performance of the Fire fleet and subsequently, the Fire Department as a whole. If this plan is supported, it is believed that this would increase the revenue received from the sale of reserve apparatus at the time of surplus as the ages of these apparatus would be drastically reduced. Thank you for your consideration.



TOPEKA FIRE DEPARTMENT FLEET REPLACEMENT PROPOSAL

PROPOSED Front Line Apparatus

Apparatus Type	Apparatus Location	Year	Make	Model	Odometer	Replace Date
Truck	Station 3	2011	Crimson	F800F	98,752	2022
Hazmat Vehicle	Station 8	2012	Ford	550	8161	2022
Rescue	Station 11	2005	Freightliner	M2 Semi Tractor	11,731	2023
Aerial	Station 5	2011	Rosenbauer	Gladiator	66,063	2023
Engine	Station 9	2011	Rosenbauer	Metro Star	88,332	2024
Engine	Station 3	2011	Rosenbauer	Metro Star	91,543	2024
Truck	Station 9	2011	Crimson	F800F	68,078	2024
Engine	Station 6	2011	Rosenbauer	Metro Star	85,025	2025
Engine	Station 12	2014	Rosenbauer	Commander	101,762	2025
Engine	Station 10	2014	Rosenbauer	Commander	83,463	2025
Engine	Station 1	2014	Rosenbauer	Metro Star	77,640	2026
Engine	Station 7	2016	Rosenbauer	Commander	71,412	2026
Engine	Station 4	2016	Rosenbauer	Commander	43,808	2027
Truck	Station 11	2017	Rosenbauer	Commander	27,976	2027
Truck	Station 10	2018	Rosenbauer	Commander	28,616	2028
Engine	Station 5	2019	Pierce	Enforcer	30,882	2029
Engine	Station 8	2019	Pierce	Enforcer	35,107	2029
Aerial	Station 8	2020	Pierce	Velocity	13,670	2030
Engine	Station 2	2011	Rosenbauer	Metro Star	115,743	2031
Engine	Station 11	2011	Rosenbauer	Metro Star	102,802	2031
Brush Truck	Station 2	2019	Ford	F550	2,440	2034
Brush Truck	Station 12	2020	Ford	F550	2,816	2035



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Reserve Fire Apparatus

Apparatus Type	Apparatus Location	Year	Make	Model	Odometer	Sale Date
Engine Reserve 1	Fire Fleet	2005	Crimson	Advantage	144,863	2022
Engine Reserve 2	Fire Fleet	2001	Luverne	Metro Star	112,760	2022 (2024)
Truck Reserve 1	Fire Fleet	2004	Crimson	Advantage	129,005	2022
Engine Reserve 3	Fire Fleet	2003	Luverne	Metro Star	138,758	2022
Aerial Reserve 1	Fire Fleet	2007	Crimson	Advantage	74,968	2023
Engine Reserve 4	Fire Fleet	2005	Crimson	Advantage	106,461	2024
Truck Reserve 2	Fire Fleet	2000	Central States	Fire Truck	84,565	2024



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CURRENT Front Line Apparatus

Apparatus Type	Apparatus Location	Year	Make	Model	Odometer	Replace Date
Truck	Station 3	2011	Crimson	F800F	79,632	2022
Hazmat	Station 8	2012	Ford	550	8,161	2022
Rescue	Station 11	2005	Freightliner	M2 Semi Tractor	11,731	2023
Aerial	Station 5	2011	Rosenbauer	Gladiator	59,704	2023
Engine	Station 3	2011	Rosenbauer	Metro Star	88,332	2024
Engine	Station 9	2011	Rosenbauer	Metro Star	81,899	2024
Engine	Station 6	2011	Rosenbauer	Metro Star	76,275	2025
Truck	Station 9	2011	Crimson	F800F	60,489	2025
Engine	Station 12	2014	Rosenbauer	Commander	88,494	2026
Engine	Station 1	2014	Rosenbauer	Metro Star	67,284	2026
Engine	Station 10	2014	Rosenbauer	Commander	67,284	2027
Engine	Station 4	2016	Rosenbauer	Commander	35,737	2027
Engine	Station 7	2016	Rosenbauer	Commander	54,778	2028
Truck	Station 11	2017	Rosenbauer	Commander	20,284	2028
Truck	Station 10	2018	Rosenbauer	Commander	16,853	2029
Engine	Station 5	2019	Pierce	Enforcer	14,803	2029
Aerial	Station 8	2020	Pierce	Velocity	3,860	2030
Engine	Station 8	2019	Pierce	Enforcer	17,589	2031
Engine	Station 2	2011	Rosenbauer	Metro Star	106,540	2031
Engine	Station 11	2011	Rosenbauer	Metro Star	96,531	2031
Brush Truck	Station 2	2019	Ford	F550	1,326	2034
Brush Truck	Station 12	2020	Ford	F550	1,258	2035



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Current Reserve Apparatus						
Apparatus Type	Apparatus Location	Year	Make	Model	Odometer	Sale Date
Engine Reserve 1	Fire Fleet	2005	Crimson	Advantage	137,956	2021
Engine Reserve 2	Fire Fleet	2001	Luverne	Metro Star	105,550	2021
Engine Reserve 3	Fire Fleet	2003	Luverne	Metro Star	138,758	2022
Aerial Reserve 1	Fire Fleet	2007	Crimson	Advantage	72,210	2023
Engine Reserve 4	Fire Fleet	2005	Crimson	Advantage	100,238	2024
Truck Reserve 1	Fire Fleet	2004	Crimson	Advantage	126,618	2024
Truck Reserve 2	Fire Fleet	2000	Central States	Fire Truck	83,700	2024