

TOWN OF SUNAPEE HIGHWAY DEPARTMENT

VEHICLE & EQUIPMENT REPLACEMENT SCHEDULE & CAPITAL RESERVE PLAN WITH ESTIMATED COSTS

THIS PLAN WAS LAST UPDATED JANUARY 21, 2022

NOTE: This Vehicle and Equipment Replacement Schedule & Capital Reserve Plan is based on the Highway Department's existing fleet of vehicles and equipment that are used for the annual operations of the Highway Department and Transfer Station. The Plan does not include vehicles or equipment which were purchased using the Used Vehicle & Equipment Capital Reserve Plan. The estimated costs presented in this plan were obtained from vendors and/or suppliers of the vehicles and/or pieces of equipment and should be considered approximate. This plan is reviewed annually and the replacement schedules and estimated costs may be adjusted as necessary.

Budget Year	Equipment Number	Vehicle Make	Vehicle Model	Year Manufactured	Year Purchased	Recommended Replacement Date	New Vehicle Make	New Vehicle Model	Year Purchased	Vehicle or Equipment Projected Cost	Estimated Value of Trade	Projected CRF Contribution	Estimated Annual CRF Balance
-------------	------------------	--------------	---------------	-------------------	----------------	------------------------------	------------------	-------------------	----------------	-------------------------------------	--------------------------	----------------------------	------------------------------

NOTE: YEAR END BALANCE FROM 2021

\$178,766.93

10-YEAR REPLACEMENT SCHEDULE OF VEHICLES & EQUIPMENT WITH ESTIMATED COSTS PROVIDED BY MANUFACTURERS													
2022	H-2	International Dump Truck	7400 MaxForce 9	2011	2011	2021	TBD	TBD		\$195,000.00	\$25,000.00	\$135,000.00	\$143,766.93
2023	H-15	International Roll-off Truck	5900i	2010	2010	2025	TBD Roll-off Truck	TBD		\$225,000.00	\$30,000.00	\$150,000.00	\$98,766.93
2024	H-13	Kubota Mower/Snow Blower	F-3680	2011	2011	2018	TBD (Mower/Snow Blower)	TBD		\$120,000.00	\$5,000.00	\$150,000.00	\$118,766.93
2025	H-6	International Dump Truck	Durastar	2010	2010	2020	TBD	TBD		\$180,000.00	\$15,000.00	\$150,000.00	\$83,766.93
2026	H-5	International Dump Truck	7400 DT530	2005	2006	2016	TBD	TBD		\$185,000.00	\$15,000.00	\$150,000.00	\$98,766.93
2027	H-18	Ford F550 Dump/Plow Truck	F550	2020	2020	2027	Ford F550 Dump Truck	F550		\$100,000.00	\$15,000.00	\$150,000.00	\$148,766.93
2028	H-25T	ODB Leaf Vacuum	SCL 800Tm30	2008	2016	2028	Leaf Vacuum	TBD		\$125,000.00	\$10,000.00	\$165,000.00	\$148,766.93
2029	H-20	Ford - Rack Truck	F250	2010	2010	2017	Ford Utility/Dump	F350		\$100,000.00	\$10,000.00	\$150,000.00	\$158,766.93
2030	H-1	Ford Dump/Plow Truck	F550	2004	2004	2014	Ford Dump/Plow Truck	F550		\$100,000.00	\$15,000.00	\$150,000.00	\$213,766.93
2031	H-8	Volvo - Loader	L70C	1998	1998	2018	Loader	TBD		\$240,000.00	\$30,000.00	\$150,000.00	\$88,766.93

PROJECTED REPLACEMENT SCHEDULE OF VEHICLES & EQUIPMENT WITH ESTIMATED COSTS BEYOND THE 10-YEAR SCHEDULE LISTED ABOVE

NOTE: The projected costs and trade values that extend beyond 10-years from the date that this Capital Reserve Plan was updated (as demarcated by the bold dashed line above) are estimates based on the best data available from the heavy truck and equipment manufacturers. The vehicle or equipment projected costs and trade values are reviewed on an annual basis and may be revised as necessary to more accurately reflect the actual costs of the vehicles and/or equipment being proposed to purchase each calendar year.

2032	H-3	Freightliner	114 SD	2017	2017	2027	TBD	TBD		\$200,000.00	\$25,000.00	\$165,000.00	\$78,766.93
2033	H-4	Freightliner	114 SD	2020	2020	2030	TBD	TBD		\$200,000.00	\$25,000.00	\$165,000.00	\$68,766.93
2034	H-17	Caterpillar Roller	CS44	2014	2014	2034	Vibratory Roller	TBD		\$120,000.00	\$7,500.00	\$165,000.00	\$121,266.93
2036	H-19	Forklift	Hyster H45XM	2003	2003	2023	Forklift	TBD		\$75,000.00	\$5,000.00	\$165,000.00	\$216,266.93
2035	H-12	Crosswind Sweeper/Vacuum	Elgin	2007	2022	2027	TBD	TBD		\$300,000.00	\$10,000.00	\$165,000.00	\$91,266.93
2037	H-14	Bobcat	Tool Cat 5600	2018	2018	2025	TBD	TBD		\$150,000.00	\$10,000.00	\$165,000.00	\$116,266.93
2038	H-7	Volvo - Loader	L60F	2008	2008	2028	Loader	TBD		\$250,000.00	\$30,000.00	\$165,000.00	\$61,266.93
2039	H-13	TBD (Mower/Snow Blower)	TBD	2020	2020	2030	TBD	TBD		\$150,000.00	\$10,000.00	\$165,000.00	\$86,266.93
2040	H-5	Freightliner	114 SD	2026	2026	2036	TBD	TBD		\$225,000.00	\$15,000.00	\$165,000.00	\$41,266.93
2041	H-6	Freightliner	M2106	2024	2024	2034	TBD	TBD		\$175,000.00	\$20,000.00	\$165,000.00	\$51,266.93
2043	H-16	Trash Compactor		2006	2006	2031	Trash Compactor	TBD		\$75,000.00	\$5,000.00	\$165,000.00	\$146,266.93
2042	H-2	Freightliner	114 SD	2022	2022	2032	TBD	TBD		\$225,000.00	\$25,000.00	\$165,000.00	\$111,266.93
2044	H-14	Bobcat	Tool Cat 5600	2032	2032	2039	TBD	TBD		\$120,000.00	\$10,000.00	\$165,000.00	\$166,266.93
2045	H-3	Freightliner	114 SD	2017	2017	2030	TBD	TBD		\$225,000.00	\$25,000.00	\$165,000.00	\$131,266.93
2046	H-13	TBD (Mower/Snow Blower)	TBD	2036	2036	2043	TBD	TBD		\$150,000.00	\$10,000.00	\$165,000.00	\$156,266.93
2047	H-10	Caterpillar Backhoe	420E	2021	2021	2041	Backhoe	TBD		\$175,000.00	\$25,000.00	\$165,000.00	\$171,266.93
2048	H-9	John Deere Grader	672GP	2016	2016	2036	TBD - Grader	TBD		\$350,000.00	\$50,000.00	\$165,000.00	\$36,266.93

NOTE: This Vehicle and Equipment Replacement Schedule and Capital Reserve Plan is based on the existing fleet of vehicles and equipment that are used for the operations of the Highway Department and Transfer Station (excluding vehicles which were purchase through the Used Vehicle & Equipment Capital Reserve Plan). This Plan is reviewed annually and is updated in near the beginning of each year to reflect the vehicle(s) and/or equipment that are approved to be replaced that year and includes their actual costs inserted into the spreadsheet. The spreadsheet also includes real trade values that are received towards the new vehicle/equipment purchases inserted into the spreadsheet. This plan may also be revised based on current vehicle(s) and/or equipment conditions and repair cost tracking data that is maintained by the Highway Department

NOTE: The goal of this Plan is to maintain a vehicle and equipment replacement schedule that is based on manufacturers recommendations, estimated vehicle and equipment replacement costs, and annual vehicle and equipment maintenance cost tracking informaiton. The recommended replacement schedules by manufactureres of the Town's large trucks (H-2, H-3, H-4, H-5) is 7-years. The recommended replacement schedules by manufacturers for our heavy equipment (H-7, H-8, H-9, H-10, H-26T) is approximately 20-years and may vary based on the equipment's usage. The recommended replacement schedules by manufacturers of the Town's light-medium duty vehicles and equipment (H-1, H-13, H-14, H-18) is 5-years.