

Town of Ulysses Highway Capital Equipment Plan

*Last modified: 1/22/2020

Make	Year	2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		Notes
		Purchase Price	Resale value	Purchase Price	Resale value	Purchase Price	Resale value	Purchase Price	Resale value	Purchase Price	Resale value	Purchase Price	Resale value	Purchase Price	Resale value	Purchase Price	Resale value	Purchase Price	Resale value	Purchase Price	Resale value	
Pick ups/small trucks - all 5 to 7 year rotation																						
Ford 350 [T-5] w/ plow 1 ton	2015			65,000	18,000											70,000	12,500				1 ton with Plow&salt box spreader. Plows	
Ford 350 [T-3] dump - 1 ton	2016									65,000	15,000										1 ton chore truck - keep	
Ford 150 [T-1] - superintendent	2014			50,000	10,000																Upgrade to a 250 in 2020 with a plow to do	
Chevrolet Silverado (H2O truck)	2016															30,000	5,000				Pick up, 1/3 water dept, 2/3 highway - 10	
Large Equipment: plowing and hauling - for plowing, need 3 large trucks and one spare. 10 year rotation is goal.																						
1) Volvo VHD [T-21] (orange)	2003													270,000	15,000						2016 vehicle was used. 2025 will be new.	
Volvo [T-53] (red) Spare Plow	2003								15,000												Plow w/wing, will replace with new vehicle	
2) Mack 2020	2020	224,864																			purchase includes plow accessories	
Mack 1998 [T-20]-SPARE Haul	1998								12,000												Mack only used in summer for stone. Do	
Mack 1989 [T-23] (red) (surplus)	1989		12,100																			
4) International [T-10] will be	2007							240,000	-												Replace with a 10 wheeler and keep this	
Miscellaneous Equipment																						
Case Loader (7-year rotation)	2019	187,053	120,000													200,000	130,000					
John Deere Tractor 5100E	2018																					
Tiger Flail Mower (SIDE MOWER)	2018																					
Gradall (10-year rotation)	1990					150,000	10,000														for digging ditches	
Brush chipper	1994												36,000	10,000								
JDeere Mowing Tractor	2002																					
Hitch flail mower		5,200	1,200																			
snow plow blades		10,875																				
2nd Mowing Tractor + mower	2015																				second mowing tractor (2015) bought used	
surplus equipment/scrap			6,505																			
J Deere Backhoe	2003																				no replacement plan, little used	
Generator				15,000																		
TOTAL + and -		\$427,992	\$139,805	\$130,000	\$28,000	\$150,000	\$10,000	\$240,000	\$27,000	\$65,000	\$15,000	\$0	\$0	\$306,000	\$25,000	\$300,000	\$147,500	\$0	\$0	\$0	\$0	
TOTAL overall		\$288,187		\$102,000		\$140,000		\$213,000		\$50,000		\$0		\$281,000		\$152,500		\$0		\$0		

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Net: new purchase minus sale of old equip.	\$288,187	\$102,000	\$140,000	\$213,000	\$50,000	\$0	\$281,000	\$152,500	\$0	\$0
\$ from annual revenue (taxes)	\$93,636	\$95,509	\$97,419	\$99,367	\$101,355	\$103,382	\$105,449	\$107,558	\$109,709	\$111,904
\$ spend from reserves	\$196,476	\$6,491	\$42,581	\$113,633	\$0	\$0	\$175,551	\$44,942	\$0	\$0
\$ added to reserves	\$0	\$0	\$0	\$0	\$51,355	\$103,382	\$0	\$0	\$109,709	\$111,904
\$ remaining in reserves	\$203,521	\$197,030	\$154,449	\$40,816	\$92,171	\$195,552	\$20,002	-\$24,940	\$84,769	\$196,673

2% annual increase in spending.

8/22/2019 \$203,521

Assumption for large trucks: 1) prices increase at 5% a year, 2) depreciation assumptions: 25% in 2 yrs, 50% in 5 yrs, 66% in 10
 Assume 5% discount on cost of vehicle when purchased through state.
 Need 3 large plow trucks and one spare for a total of 4.