

TOWN OF ALSTEAD
CAPITAL IMPROVEMENT PROGRAM
2020-2026

2020 Updated and approved by

The Alstead Planning Board on:

02/08/2021

**Table 1: Highway Equipment Replacement Program
Alstead: 2020 - 2026**

2/3/2021

Equipment	Projected year of replacement	Replacement, Cost or Trade	Estimated life of equipment								
				2020	2021	2022	2023	2024	2025	2026	
2006 Ford F350	2021	\$70,000	15 years		\$70,000						
2012 Dodge 1 Ton	2022	\$ 90,000	10 years			\$ 90,000					
2008 International 10 wheel Dump Truck	2023	\$ 200,000	10 years				\$ 200,000				
1994 John Deere Grader	2025	\$ 400,000	20 years							\$ 400,000	
2015 Dodge 1 ton	2025	\$ 80,000	10 years							\$ 80,000	
2005 Sterling 6 Wheel dump	2026	\$ 100,000	10 years								\$ 100,000
1997 Backhoe	2027	\$ 140,000	30 years								
2018 Western Star 10 wheeler dump	2028	\$ 200,000	10 years								
2006 Loader	2033	\$ 200,000	30 years								
2003 Excavator	2036	\$ 220,000	30 years								
2006 Tractor **	2036	\$ 80,000	30 years								
Tow behind Sweeper		\$ 18,000	20 years								
Roller		\$ 120,000	20 years								
Equipment capital reserve fund deposits				\$ 75,000	\$ 100,000	\$ 110,000	\$ 120,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Equipment capital reserve fund withdrawals					-\$ 70,000	-\$ 90,000	-\$ 200,000		-\$ 280,000	-\$ 100,000	
Totals				\$ 75,000	\$ 100,000	\$ 110,000	\$ 120,000	\$ 100,000	\$ 300,000	\$ 100,000	

Note # 1: The costs listed in this table are current and do not include any adjustments that may be necessary for inflation.

Note # 2: Replacement dates are for broad planning purposes only and are not indicative of automatic replacement. As with all major equipment replacements, the condition of the equipment and the ongoing maintenance costs will need a thorough review and analysis before the Selectmen can determine the practicality of extending the current estimated life beyond the life expectancy listed.

Note # 3: Use of capital reserve funds for lease payments will require equipment leases to be structured as capital leases without escape clauses.

Note # 4: Multi-year lease payments are based on 5 years for trucks and 7-10 years for equipment

Note # 5: **No replacement planned

**Table 1-1: Highway Equipment
Capital Reserve Account Balance**

Alstead: 2020- 2030

As of 12/31/2020

2/3/2021

Capital Reserve Account

Year	Interest	Appropriation	Expended	Balance
Prior balance				\$196,863
2017	\$1,261		-\$190,596	\$7,528
2018	\$563	\$55,000		\$63,091
2019	\$10,011	\$65,000		\$138,102
2020	\$18,557	\$75,000		\$231,659
2021		\$100,000	-\$70,000	\$261,659
2022		\$110,000	-\$90,000	\$281,659
2023		\$120,000	-\$200,000	\$201,659
2024		\$100,000		\$301,659
2025		\$100,000	-\$280,000	\$121,659
2026		\$100,000	-\$100,000	\$121,659
2027		\$100,000	-\$140,000	\$81,659
2028		\$100,000	-\$200,000	-\$18,341
2029		\$100,000		\$81,659
2030		\$100,000		\$181,659
2031				
2032				
2033				
2034				
2035				
2036				

**Table 2: Bridge Construction Program
Alstead: 2020-2026**

Bridge Project Description	2020	2021	2022	2023	2024	2025	2026
Drewsville Bridge (930k) (Town 186k) 2022			\$500,000				
Design and Permit Hill Road Bridges (2028) \$80,000							
Lower Bell Hill bridge replacement (2029) \$500,000							
Upper Bell Hill Bridge Rehab (2033) \$300,000							
Permit North Road Box Culvert (2039) \$60,000							
Replace North Road Box Culvert (2041) \$250,000							
Bridge Capital Reserve fund deposits	\$35,000	\$150,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000
Bridge capital reserve fund withdrawals			-\$450,000				
Totals	\$35,000	\$150,000	\$130,000	\$80,000	\$80,000	\$80,000	\$80,000

Note # 1: The costs listed in this table are current and do not include any adjustments that may be necessary for inflation.

**Table 2-1: Bridge Repair/Replacement
Capital Reserve Account Balance
Alstead: 2020-2030**

As of 12/31/2020

2/3/2021

Capital Reserve Account				
Year	Interest	Appropriation	Expended	Balance
Prior Balance				152252
2017	6678	15000		173930
2018	-165	25000		198765
2019	17561	25000		241326
2020	20443	35000		296769
2021		150000		446769
2022		80000	-450000	76769
2023		80000		156769
2024		80000		236769
2025		80000		316769
2026		80000		396769
2027		80000		476769
2028		80000	-80000	476769
2029		80000	-500000	56769
2030		80000		136769
2031		80000		216769
2032		80000		296769
2033		45000	-300000	41769
2034				
2035				
2036				

**Table 3: Fire Department Equipment Replacement Program
Alstead: 2020 - 2026**

2/3/2021

Equipment	Projected year of replacement	Replacement, Cost or Trade	Estimated life of equipment							
				2020	2021	2022	2023	2024	2025	2026
2006 International Tanker (375K)	2036	\$ 375,000	30 years							
2015 Scott Pack bottles 2030 + 2031 (40K)	2030-2031	\$ 40,000	15 years							
2016 Pumper Rescue truck 2041	2041	\$ 1,000,000	25years							
2000 Pierce Contender **	**	\$ 700,000	30 years							
UTV Side by Side	TBD	\$ 35,000	30 years							
Equipment capital reserve fund deposits				\$ 40,000	\$ 45,000	\$ 50,000	\$ 55,000	\$ 55,000	\$ 60,000	\$ 60,000
Equipment capital reserve fund withdrawals										
Totals				\$ 40,000	\$ 45,000	\$ 50,000	\$ 55,000	\$ 55,000	\$ 60,000	\$ 60,000

Note # 1: The costs listed in this table are current and do not include any adjustments that may be necessary for inflation.

Note # 2: Replacement dates are for broad planning purposes only and are not indicative of automatic replacement. As with all major equipment replacements, the condition of the equipment and the ongoing maintenance costs will need a thorough review and analysis before the Selectmen can determine the practicality of extending the current estimated life beyond the life expectancy listed.

Note # 3: Use of capital reserve funds for lease payments will require equipment leases to be structured as capital leases without escape clauses.

Note # 4: Multi-year lease payments are based on 5 years for trucks and 7-10 years for equipment

Note # 5: **No replacement planned

**Table 3-1: Fire Dept CR
Capital Reserve Account Balance
Alstead: 2017-2024**

As of 12/31/2017

Capital Reserve Account				
Year	Interest	Appropriati	Expended	Balance
Prior Balance				33625
2017	1839	20000		55464
2018	127	25000		80591
2019	9054	35000		124645
2020	13294	40000		177939
2021		45000		222939
2022		50000		272939
2023		55000		327939
2024		55000		382939
2025		60000		442939
2026		60000		502939
2027		60000		562939
2028		60000		622939
2029		60000		682939
2030		60000		742939
2031		60000		802939
2032		60000		862939
2033		60000		922939
2034		60000		982939
2035		65000		1047939
2036		60000	-375000	732939

**Table 4: Ambulance Department Equipment Replacement Program
Alstead: 2020 - 2026**

2/3/2021

Equipment	Projected year of replacement	Replacement, Cost or Trade	Estimated life of equipment								
				2020	2021	2022	2023	2024	2025	2026	
2000 Ambulance	2015	\$ 220,000	15 years				\$ 220,000				
Equipment capital reserve fund deposits				\$ 20,000	\$ 27,000	\$ 27,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Equipment capital reserve fund withdrawals							-\$ 200,000				
Totals				\$ 20,000	\$ 27,000	\$ 27,000	\$ 35,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000

Note # 1: The costs listed in this table are current and do not include any adjustments that may be necessary for inflation.

Note # 2: Replacement dates are for broad planning purposes only and are not indicative of automatic replacement. As with all major equipment replacements, the condition of the equipment and the ongoing maintenance costs will need a thorough review and analysis before the Selectmen can determine the practicality of extending the current estimated life beyond the life expectancy listed.

Note # 3: Use of capital reserve funds for lease payments will require equipment leases to be structured as capital leases without escape clauses.

Note # 4: Multi-year lease payments are based on 5 years for trucks and 7-10 years for equipment

Note # 5: **No replacement planned

**Table 4-1: Ambulance Dept CR
Capital Reserve Account Balance
Alstead: 2020-2030**

As of 12/31/2020

2/3/2021

Capital Reserve Account				
Year	Interest	Appropriation	Expended	Balance
Prior Balance				119799
2017	5435	25000		150234
2018	-211	15000		165023
2019	12965	0	-38132	177988
2020	7236	0		147092
2021		27000		174092
2022		30000		204092
2023		15000	-200000	219092
2024		15000		34092
2025		15000		49092
2026		15000		64092
2027		15000		79092
2028		15000		94092
2029		15000		109092
2030		15000		124092

**Table 5: Transfer Station Dept
Alstead: 2020-2026**

Project Description	2020	2021	2022	2023	2024	2025	2026
Baler and Equipment		\$14,000					
Compactor (2024)					\$30,000		
Compactor (2028)							
Transfer Station Capital Reserve fund deposits	\$5,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Transfer Station Capital Reserve fund withdrawals		-\$14,000			-\$30,000		
Totals	\$5,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000

Note # 1: The costs listed in this table are current and do not include any adjustments that may be necessary for inflation.

**Table 5-1: Transfer Station Dept CR
Capital Reserve Account Balance
Alstead: 2020-2026**

2/3/2021

Capital Reserve Account				
Year	Interest	Appropriati	Expended	Balance
Prior Balance				7770
2017	313	0		8083
2018	-19	0		8064
2019	1024	5000		14088
2020	1560	5000		20648
2021		8000	-14000	14648
2022		8000		22648
2023		8000		30648
2024		8000	-30000	8648
2025		8000		16648
2026		8000		24648
2027		8000		32648
2028		8000	-30000	10648
2029		5000		15648
2030		5000		20648

**Table 6 Police Department Equipment Replacement Program
Alstead: 2020 - 2026**

2/3/2021

Equipment	Projected year of replacement	Replacement, Cost or Trade	Estimated life of equipment							
				2020	2021	2022	2023	2024	2025	2026
2016 Police Cruiser	2023	\$ 40,000	8 years				\$ 40,000			
2017 Police Cruiser	2026	\$ 40,000	8 Years							\$ 40,000
Police Capital Reserve fund deposits				\$ 0	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 12,500
Police Capital Reserve fund withdrawals							-\$ 40,000			-\$ 40,000
Totals				\$ 0	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 18,000	\$ 12,500

Note # 1: The costs listed in this table are current and do not include any adjustments that may be necessary for inflation.

Note # 2: Replacement dates are for broad planning purposes only and are not indicative of automatic replacement. As with all major equipment replacements, the condition of the equipment and the ongoing maintenance costs will need a thorough review and analysis before the Selectmen can determine the practicality of extending the current estimated life beyond the life expectancy listed.

Note # 3: Use of capital reserve funds for lease payments will require equipment leases to be structured as capital leases without escape clauses.

Note # 4: Multi-year lease payments are based on 5 years for trucks and 7-10 years for equipment

Note # 5: **No replacement planned

**Table 6-1: Police Dept CR
Capital Reserve Account Balance
Alstead: 2020-2026**

2/3/2021

Capital Reserve Account				
Year	Interest	Appropriati	Expended	Balance
Prior Balance				15682
2017	341	0	-7424	8599
2018	-21	0		8578
2019	674	0		9252
2020	616	0		9868
2021		18000		27868
2022		18000		45868
2023		12000	-40000	17868
2024		12000		29868
2025		12000		41868
2026		10000	-40000	11868
2027		10000		21868
2028		10000		31868
2029		10000		41868
2030		10000	-40000	11868

**Table 7-1: Library Building Needs CR
Capital Reserve Account Balance
Alstead: 2020-2026**

2/3/2021

Capital Reserve Account				
Year	Interest	Appropriati	Expended	Balance
Prior Balance				89354
2017	4083	15000		108437
2018	-804	15000	-60000	62633
2019	3263	5000	-60000	10896
2020	1349	5000		17245
2021		10000		27245
2022		15000		42245
2023		15000		57245
2024		15000		72245
2025		15000		87245
2026		15000		102245
2027		15000		117245

**Table 8: Road and Culvert Construction Program
Alstead: 2020-2026**

Road Project Description	2020	2021	2022	2023	2024	2025	2026
Pine Cliff Road (.8 Miles Reclaim and Pave)	\$207,000						
Gilsum Mine Road (First 1.2 miles Reclaim, Mill and Pave)		\$220,000					
Gilsum Mine Road (Second 1.2 miles Reclaim, mill and Pave)			\$220,000				
Thayer Brook Road (Shim and Overlay) Corbin Road (Reclaim and Pave)				\$222,000			
Drewsville Road and Homestead Road (Mill and Pave)					\$182,000		
North Road and Aprons on Settlers and Cobb Hill (Shim and Overlay)					\$120,000		
Thayer Brook Culverts (Design and permit)					\$80,000		
Thayer Brook Culvert (Replace lower one)						\$300,000	
Thayer Brook Culvert (Replace middle one)							\$300,000
Totals	\$207,000	\$220,000	\$220,000	\$222,000	\$382,000	\$300,000	\$300,000

Note # 1: The costs listed in this table are current and do not include any adjustments that may be necessary for inflation.

Tax Rate Comparison

Year	Town Tax Rate	County Tax Rate	Local Education	State Education	Total Tax Rate
2011	4.91	2.91	10.74	2.38	20.94
2012	5.90	2.93	11.53	2.19	22.46
2013	8.39	3.24	13.11	2.15	26.80
2014	4.90	2.86	13.60	2.33	23.80
2015	5.24	3.40	15.33	2.36	26.33
2016	5.50	3.75	15.34	2.32	26.91
2017	6.00	3.58	14.67	2.42	26.67
2018	6.10	3.73	15.04	2.18	27.05
2019	6.44	4.42	15.00	1.99	27.85
2020	5.51	3.46	13.53	1.92	24.42

