

**TOWN OF ACWORTH**  
**CAPITAL IMPROVEMENT PLAN**

2021 Update  
Acworth Planning Board

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## **INTRODUCTION**

### **AUTHORIZATION**

The Acworth Planning Board was authorized to create a Capital Improvement Plan with funds designated for that purpose by vote at Town Meeting on March 13, 2007. The Plan was developed by a Town committee with assistance from Kenneth B. McWilliams & Associates. The first edition was adopted by the Planning Board on November 28, 2007.

### **SCOPE**

NH RSA 674:5 describes a Capital Improvement Plan as a program of town capital improvements over a period of ideally six years. The Acworth Capital Improvement Plan uses a cost criterion of at least \$8,000 and a life expectancy of at least three years. A capital expenditure is one that is generally not recurring

### **PURPOSE**

The purpose of the Capital Improvement Plan is to aid the Selectmen and Budget Committee in their development of the annual budget.

### **ANNUAL UPDATE**

The Planning Board reviews recommended levels of capital expenditure and arrives at suggested annual funding levels for each area. It is not the intention of the Planning Board to manage capital projects. The items listed are based on department projections and are subject to real time prioritization and implementation. *However, the 2022 Plan is somewhat different due to the road damage resulting from the July 29, 2021 rainstorm. Damage assessments from the storm reach into the millions of dollars. Funds previously allocated for road improvement projects will be needed for road repairs for the next few years. A federal disaster has been declared making the Town eligible for reimbursement of its repair costs up to 75%. Our former levels of capital spending including on projects, equipment and depositing into Capital Reserve Funds may all need to be applied to the Town's 25% match. Initial damage estimates are currently being refined based on discussion with contractors and the Department of Environmental Services. A Special Town Meeting will be held for voter permission to initiate financing. The CIP has always been presented as a living document subject to change according to the Town's needs. The Planning Board will continue to provide projections based on the most current information available. In addition to accommodating storm repair which may take several budget cycles, the Planning Board will offer a long range vision for the sustainability of our roads, equipment and other hard and soft infrastructure.*

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

1/122/2021

	Machine hours	Notes	Projected year of replacement	Replacement Cost or Trade	Estimated life of equipment											
						2020	2021	2022	2023	2024	2025	2026				
Equipment																
2018 Dodge 5500	12145		2018		5-7 years											
2018 Internat. Dump	10323		2018	\$ 200,000	7-10 years	\$ 40,000	\$ 40,000	\$ 40,000								
2005 Grader	3332		2025	\$ 310,000	20 years											
2021 John Deere 310SL Backhoe \$97,133 2021	44		2021			\$ 97,133										
<b>2012 550 Ford Truck</b>	<b>72664</b>	<b>Needs Town Mfg vote</b>	<b>2022</b>	<b>\$ 125,000</b>	<b>5-7 years</b>											
2019 John Deere 624L Loader \$185,400 2021	473		2021			\$ 112,500	\$ 42,000	\$ 18,048	\$ 42,000	\$ 42,000	\$ 42,000	\$ 18,048	\$ 18,048			
2011 307D Caterpillar Excavator	2322		2021	\$ 86,000	10 years											
2015 Western Star Dump Truck	34744		2025	\$ 186,290	10 years	\$ 11,400	\$ 11,400	\$ 11,400	\$ 7,600							
CS54 Caterpillar Roller			2038	\$ 101,000	25 years	\$ 10,000	\$ 11,400	\$ 11,400	\$ 7,600							
2015 Western Star rock body						\$ 10,000										
2004 Ford 250	91800															
Equipment capital reserve fund deposits						\$ 40,000	\$ 30,000	\$ 0	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 45,000
Equipment capital reserve fund withdrawals							-\$ 90,000									
Block Grant Withdrawal of funds																
Fund Balance							-\$ 117,133									
<b>Totals</b>						<b>\$ 101,400</b>	<b>\$ 83,900</b>	<b>\$ 111,448</b>	<b>\$ 92,648</b>	<b>\$ 85,048</b>	<b>\$ 43,048</b>	<b>\$ 43,048</b>	<b>\$ 43,048</b>	<b>\$ 43,048</b>	<b>\$ 43,048</b>	<b>\$ 45,000</b>

**Capital Reserve balance after deposit**

- Note # 1: The costs listed in this table 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.
- Notes for 2021:**
- Note #4: This shows adding a Ford 600 in 2021 dependent on a Special Town Meeting vote
- Note #5: This shows no 2022 Equipment CRF deposit due to flood damage

**Table 1-1: Highway Equipment Capital Reserve  
Acworth: 2007-2026**

11/22/2021

Capital Reserve Account					
Year	Interest	Appropriation	Expended	Balance	
prior balance	\$ 0	\$ 0	\$ 0	\$ 15,889	
2007	\$ 314	\$ 25,000	\$ 0	\$ 41,203	
2008	\$ 272	\$ 0	\$ 0	\$ 41,475	
2009	\$ 899	\$ 25,000	\$ 0	\$ 67,374	
2010	\$ 95	\$ 0	\$ 0	\$ 67,469	
2011	\$ 46	\$ 30,000	\$ 0	\$ 97,515	
2012	\$ 37	\$ 30,000	\$ 87,400	\$ 40,152	
2013	\$ 5	\$ 30,000	\$ 14,791	\$ 55,366	
2014	\$ 6	\$ 30,000	\$ 0	\$ 85,372	
2015	\$ 69	\$ 39,935	\$ 59,039	\$ 66,337	
2016	\$ 203	\$ 15,000	\$ 0	\$ 81,540	
2017	\$ 417	\$ 0	\$ 80,000	\$ 1,957	
2018	\$ 30	\$ 0	\$ 0	\$ 1,987	
2019	\$ 37	\$ 25,000		\$ 27,024	
2020		\$ 40,000		\$ 67,024	
2021		\$ 30,000	\$ 90,000	\$ 7,024	
<b>2022</b>		\$ 0		\$ 7,024	
2023		\$ 25,000		\$ 32,024	
2024		\$ 25,000		\$ 57,024	
2025		\$ 25,000		\$ 82,024	
2026		\$ 45,000		\$ 127,024	

**Table 2. Road & Bridge Construction program**

Acworth 2021-2030										11/22/2021	2027	2028	2029	2030	
	Scenic	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030				
Cold Pond Rd old section near center of town (Pave 3 inch base)															
Derry Hill Rd. Starting at Five Points to Nelson Rd (Grade, 3 inch base and shoulders)	x	171480													
Charlestown Rd Shim and Overlay 1.1 miles (58081) State maintained to Black North Rd. \$84,000	x	87272													
Beryl Mountain Rd and Forest Rd. to Alstead town line(1 inch overlay)		135000													
Derry Hill Stabilize road (Flood) FEMA	x		104775												
Crane Brook (Flood Repairs) FEMA			1,954,400												
Total FEMA \$2,059,175															
Crane Brook (Flood Repairs paving) FEMA				325000											
Luther Hill and Charlestown intersection FEMA	x			50,000											
Sam Putnam Road (Repair road and culvert/bridge) FEMA				1,000,000											
Forest Road FEMA				85,000											
Total FEMA \$1,460,000															
Cold Pond Rd Overlay new pavement(1 inch overlay)	x			64000											
Nye Road (Repair Road and Culvert/Bridge					1000000										
Derry Hill (Reclaim, Underdrainage, Fabric and Gravel) @58.00 per LF For total of 1725 LF	x				100,000										
Derry Hill (Reclaim, Underdrainage, Fabric and Gravel) @58.00 per LF For total of 6000 LF	x					348000									
Derry Hill (Reclaim, Underdrainage, Fabric and Gravel) @58.00 per LF For total of 1725 LF	x						100000								
Charlestown Rd (Old section reclaim and gravel)								162000							
Forest Road (Culverts)								75000							
Charlestown Rd (Old section 3 inch base)									192000						
Charlestown Rd 1 inch overlay starting at the Charlestown line to Black North Road 2.0 miles	x								102000						
Forest Rd.									50000						
Derry Hill Rd Pave 3" base (Total 14,000 LF end to end) @ \$29.00 per LF 11514 LF	x									350000					
Derry Hill Rd Pave 3" base (Total 14,000 LF end to end) @ \$29.00 per LF 2486 LF	x										350000				
Derry Hill Rd Pave 1" base (Total 14,000 LF end to end) @ \$10.00 per LF 11514 LF	x														50000
Crescent Lake Rd (Culverts, Reclaim and pave)	x														200000
Allen Rd. (Culverts)															
Allen Rd. (Reclaim Gravel and Pave)															
Crane Brook Rd. 2.6 miles (Shim and Overlay)															91000
Luther Hill Rd 1.1 miles (Shim, overlay and Shoulder work)	x														25000
Bridge Capital Reserve Deposit		20000	0	0	25000	25000	25000	25000	25000	25000	25000	25000	25000	25000	25000
Bridge Capital Reserve Withdrawal															
Gravel Crushing		50000	50000	50000	50000	50000	75000	75000	75000	50000	50000	50000	50000	50000	50000
FEMA reimbursement			-1,575,000	-1,095,000	-750,000										
<b>Totals</b>		<b>463752</b>	<b>534175</b>	<b>479000</b>	<b>425000</b>	<b>423000</b>	<b>437000</b>	<b>444000</b>	<b>425000</b>	<b>425000</b>	<b>425000</b>	<b>425000</b>	<b>425000</b>	<b>416000</b>	<b>416000</b>

Note #1: Table includes Bridge reserve deposits and withdrawals to cover Town portion of bridge projects.

**Table 2-1: Town Bridge Capital Reserve  
Acworth: 2010-2026**

11/22/2021

Capital Reserve Account				
Year	Appropriation	Expended	Balance	
prior balance			\$ 0	
2014	\$ 20,000	\$ 0	\$ 20,000	
2015	\$ 50,000	\$ 0	\$ 70,000	
2016	\$ 100,000	\$ 50,000	\$ 120,000	
2017	\$ 0	\$ 100,000	\$ 20,000	
2018	\$ 20,000	\$ 0	\$ 40,000	
2019	\$ 20,000	\$ 0	\$ 60,000	
2020	\$ 20,000	\$ 0	\$ 80,000	
2021	\$ 20,000	\$ 0	\$ 100,000	
<b>2022</b>	\$ 0	\$ 0	\$ 100,000	
2023	\$ 20,000	\$ 0	\$ 120,000	
2024	\$ 20,000	\$ 0	\$ 140,000	
2025	\$ 20,000	\$ 0	\$ 160,000	
2026	\$ 20,000	\$ 0	\$ 180,000	

### Table 3: Other Town Capital Needs

11/22/2021

#### Acworth: 2020 - 2026

Capital item description	2020	2021	2022	2023	2024	2025	2026
Revaluation 2021 (statistical update)	\$8,000	\$8,000	\$0	\$10,000	\$10,000	\$10,000	\$10,000
Town properties appropriation	\$ 500	\$ 500	\$ 0	\$ 500	\$ 500	\$ 500	\$ 500
Buildings and Grounds Fund	\$ 5,000	\$ 5,000	\$ 0	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Landfill closure	\$ 5,000	\$ 5,000	\$ 0	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Total	\$18,500.00	\$18,500.00	\$0.00	\$20,500.00	\$20,500.00	\$20,500.00	\$20,500.00

Note: B&G Fund recommended for emergency repairs and building additions PB 10/22/18



**Table 3-1: Town Revaluation Capital Reserve  
Acworth: 2010-2026**

11/22/2021

Capital Reserve Account					
Year	Interest	Appropriation	Expended	Balance	
prior balance					\$ 0
2010	\$ 3	\$ 20,000	\$ 0		\$ 20,003
2011	\$ 10	\$ 0	\$ 20,000		\$ 13
2012	\$ 0	\$ 8,000	\$ 0		\$ 8,013
2013	\$ 1	\$ 8,000	\$ 0		\$ 16,014
2014	\$ 1	\$ 8,000	\$ 0		\$ 24,015
2015	\$ 25	\$ 8,000	\$ 0		\$ 32,040
2016	\$ 90	\$ 0	\$ 32,000		\$ 130
2017	\$ 8	\$ 8,000	\$ 0		\$ 8,138
2018	\$ 133	\$ 8,000	\$ 0		\$ 16,271
2019	\$ 304	\$ 8,000	\$ 0		\$ 24,575
2020	\$ 0	\$ 8,000	\$ 0		\$ 32,575
2021	\$ 0	\$ 8,000	\$ 24,250		\$ 16,325
2022	\$ 0	\$ 0	\$ 0		\$ 16,325
2023	\$ 0	\$ 10,000	\$ 0		\$ 26,325
2024	\$ 0	\$ 10,000	\$ 0		\$ 36,325
2025	\$ 0	\$ 10,000	\$ 0		\$ 46,325
2026	\$ 0	\$ 10,000	\$ 50,000		\$ 6,325