

**TOWN OF ACWORTH**

**CAPITAL IMPROVEMENT PLAN**

2020 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 at least 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.

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

10/26/2020

Equipment	Projected year of replacement	Replacement, Cost or Trade	Estimated life of equipment	Year						Totals										
				2020	2021	2022	2023	2024	2025		2026									
2007 GMC One Ton Truck/2018 Dodge 5500	2018		5-7 years																	
2006 International Dump Truck/2018 Internat. Dump	2018	\$ 200,000	7-10 years	\$ 40,000	\$ 40,000	\$ 40,000														
2005 Grader	2025	\$ 310,000	20 years																	
2003 IT 420D Backhoe	2021	\$ 99,900	15 years		\$ 21,000	\$ 21,000														
2012 550 Ford Truck	2022	\$ 125,000	5-7 years				\$ 25,000	\$ 25,000												
1994 Komatsu Loader - purchased in 2010	2021	\$ 150,000	10 years			\$ 30,000	\$ 30,000	\$ 30,000												\$30,000
2011 307D Caterpillar Excavator	2021	\$ 86,000	10 years																	
2015 Western Star Dump Truck	2025	\$ 186,290	10 years																	
CS54 Caterpillar Roller	2038	\$ 101,000	25 years	\$ 11,400	\$ 11,400															
2015 Western Star rock body				\$ 10,000																
Equipment capital reserve fund deposits				\$ 40,000	\$ 30,000	\$ 10,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 45,000
Equipment capital reserve fund withdrawals																				
Block Grant Withdrawal of funds																				
Fund Balance				\$ 101,400	\$ 102,400	\$ 101,000	\$ 101,000	\$ 101,000	\$ 101,000	\$ 101,000	\$ 101,000	\$ 101,000	\$ 101,000	\$ 101,000	\$ 101,000	\$ 101,000	\$ 101,000	\$ 101,000	\$ 101,000	\$ 100,000
<b>Capital Reserve balance after deposit</b>				<b>\$ 67,024</b>	<b>\$ 97,024</b>	<b>\$ 107,024</b>	<b>\$ 132,024</b>	<b>\$ 157,024</b>	<b>\$ 182,024</b>	<b>\$ 202,024</b>	<b>\$ 202,024</b>	<b>\$ 202,024</b>	<b>\$ 202,024</b>	<b>\$ 202,024</b>	<b>\$ 202,024</b>	<b>\$ 202,024</b>	<b>\$ 202,024</b>	<b>\$ 202,024</b>	<b>\$ 202,024</b>	<b>\$ 202,024</b>

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.

**Note#4: 2020: The backhoe has not been included in this table and now needs replacement. The replacement is shown here as a 5year lease/purchase requiring a 2/3 Town Meeting vote.**

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

10/26/2020

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		\$ 97,024	
2022		\$ 10,000		\$ 107,024	
2023		\$ 25,000		\$ 132,024	
2024		\$ 25,000		\$ 157,024	
2025		\$ 25,000		\$ 182,024	
2026		\$ 45,000		\$ 202,024	

**Table 2: Road & Bridge Construction program**  
**Acworth 2020-**

	Scenic	2020	2021	2022	2023	2024	2025	2026	2027	2028
Luther Hill Rd 1.1 miles (Shim, overlay and Shoulder work)	x									
Beryl Mountain Rd. (Culverts and underdrainage)										
Derry Hill Rd starting at Five Points to Nelson Rd (Grade, pave, shoulders)	x		87272							
Cold Pond Rd (Culverts)	x	394000								
Beryl Mountain Rd and Forest Rd, to Alstead town line (Pave Base 3 inches)										
Cold Pond Rd. Old section near center of town (reclaim and gravel)	x									
Derry Hill Rd. (Reclaim, Culverts underdrainage and gravel.)	x			234000						
Forest rd. (Culverts and underdrainage)							13000			
Beryl Mountain Rd and Forest Rd, to Alstead town line(1 inch overlay)			135000							
Cold Pond Rd old section near center of town ( Pave 3 inch base)	x		171480							
Forest rd (Culverts and underdrainage)							58000			
Cold Pond Rd Starting at Gove Rd to center of town (1 inch overlay)	x					192000				
Charlestown Rd (Old section reclaim and gravel)	x				136000					
Forest Rd. (Reclaim and Gravel)							41000			
Charlestown Rd (Old section 3 inch base)	x				192000					
Charlestown Rd 1 inch overlay starting at the Charlestown line to the state maintain section	x					210000				
Forest Rd. ( Pave 3 inch base starting at Bridge to 123A)							228000			
Forest Rd. ( 1 inch overlay start at bridge to 123A)							93000			
Crescent Lake Rd (Culverts.)	x						48000			
Crescent Lake Rd (Culverts, Reclaim and pave)	x						222000			
Allen Rd. (Culverts)									147000	
Allen Rd. (Reclaim Gravel and Pave)									200000	
Derry Hill Rd. (3 inch Base)	x				160000					
Crane Brook Rd. 2.6 miles (Shim and Overlay)										250000
Derry Hill 7 miles starting at Hill Rd (Pave 3" base and 1" overlay)	x									110000
Bridge Capital Reserve Deposit		20000								20000
Bridge Capital Reserve Withdrawal			20000							20000
Gravel Crushing (In 2020 would recommend any monies left from paving put into gravel)		50000	50000	50000	75000	40000	75000	50000	75000	75000
<b>Totals</b>		<b>464000</b>	<b>463752</b>	<b>464000</b>	<b>423000</b>	<b>462000</b>	<b>435000</b>	<b>433000</b>	<b>442000</b>	<b>455000</b>

Note #1: Table includes Bridge reserve deposits and withdrawals to cover Town portion of bridge projects.  
 Note #2: Table assumes maintaining 4 major paved roads: Beryl, Charlestown, Cold Pond, Crane Brook.

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

10/26/2020

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
2022	\$ 20,000	\$ 0	\$ 120,000
2023	\$ 20,000	\$ 0	\$ 140,000
2024	\$ 20,000	\$ 0	\$ 160,000
2025	\$ 20,000	\$ 0	\$ 180,000
2026	\$ 20,000	\$ 0	\$ 200,000

### Table 3: Other Town Capital Needs

#### Acworth: 2020 - 2026

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

10/26/2020

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	\$ 40,000	\$ 575	
2022	\$ 0	\$ 10,000	\$ 0	\$ 10,575	
2023	\$ 0	\$ 10,000	\$ 0	\$ 20,575	
2024	\$ 0	\$ 10,000	\$ 0	\$ 30,575	
2025	\$ 0	\$ 10,000	\$ 0	\$ 40,575	
2026	\$ 0	\$ 10,000	\$ 40,000	\$ 575	

**Table 4: Impact of CIP recommendations on tax rate  
Acworth: 2020-2026**

11/23/2020

	2020	2021	2022	2023	2024	2025	2026
Town assessed value current year and projected	\$ 100,103,637	Projected \$ 100,103,637	Projected \$ 100,103,637	Projected \$ 100,103,637	Projected \$ 100,103,637	Projected \$ 100,103,637	Projected \$ 100,103,637
<b>Projected capital appropriations:</b>							
Table 1: Equipment	\$ 101,400	\$ 102,400	\$ 101,000	\$ 101,000	\$ 101,000	\$ 101,000	\$ 100,000
Table 2: Roads and bridges	\$ 464,000	\$ 463,752	\$ 464,000	\$ 423,000	\$ 462,000	\$ 435,000	\$ 433,000
Table 3: Other needs	\$ 18,500	\$ 18,500	\$ 20,500	\$ 20,500	\$ 20,500	\$ 20,500	\$ 20,500
Total CIP expenditures	\$ 583,900	\$ 584,652	\$ 585,500	\$ 544,500	\$ 583,500	\$ 556,500	\$ 553,500
Tax impact of Capital Improvement Plan	\$ 5.83	\$ 5.84	\$ 5.85	\$ 5.44	\$ 5.83	\$ 5.56	\$ 5.53
Current operating budget portion of tax rate and projected	\$ 3.83	\$ 3.83	\$ 3.83	\$ 3.83	\$ 3.83	\$ 3.83	\$ 3.83
Town portion of current year tax rate and projected	\$ 9.66	\$ 9.67	\$ 9.68	\$ 9.27	\$ 9.66	\$ 9.39	\$ 9.36

**NOTES:**

- {1} Projected Assessed Value is based on the 2020 Assessed Valuation shown on DRA Tax Rate Breakdown
- {2} Costs presented are without adjustment for inflation.

TOWN OF ACWORTH											11/23/2020
MULTI-YEAR TAX RATE COMPARISON											
	2020	2019	2018	2017	Reval	2016	2015	2014	2013	2012	Reval
											2011
<b>Rate per \$1,000</b>											
Town tax	9.66	9.75	9.69	9.82	9.84	9.03	8.11	7.64	7.43	6.83	
Local school tax	15.14	14.44	13.19	11.73	11.10	10.66	9.69	9.24	8.79	8.65	
State school tax	1.97	2.08	2.29	2.28	2.89	2.48	2.66	2.44	2.58	2.51	
County tax	2.60	2.80	2.86	3.09	2.89	3.04	3.19	3.30	2.86	3.20	
	29.37	29.07	28.03	26.92	26.33	25.21	23.65	22.62	21.66	21.19	
<b>Taxes per \$100,000 of assessed value</b>											
Land/building	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	
Town taxes	966.00	975.00	969.00	982.00	984.00	903.00	811.00	764.00	743.00	683.00	
Local school tax	1,514.00	1,444.00	1,319.00	1,173.00	1,110.00	1,066.00	969.00	924.00	879.00	865.00	
State school tax	197.00	208.00	229.00	228.00	289.00	248.00	266.00	244.00	258.00	251.00	
County taxes	260.00	280.00	286.00	309.00	289.00	304.00	319.00	330.00	286.00	320.00	
	2,937.00	2,907.00	2,803.00	2,692.00	2,633.00	2,521.00	2,365.00	2,262.00	2,166.00	2,119.00	
<b>Town valuation summary (per MS-1)</b>											
Land only											
current use	1,471,820	1,465,700	1,434,250	1,363,800	1,364,660	\$ 1,184,730	1,290,290	1,277,940	1,938,450	1,967,530	
residential	32,426,100	32,667,100	32,742,800	33,038,400	32,640,700	34,659,200	34,867,500	35,270,300	35,369,800	35,446,000	
commercial	722,600	722,600	722,600	722,600	745,700	874,700	874,700	874,700	906,300	906,300	
subtotal	34,620,520	34,855,400	34,899,650	35,124,800	34,751,060	36,718,630	37,032,490	37,422,940	38,214,550	38,319,830	
Building only											
residential	57,639,100	56,994,000	57,165,800	56,948,700	56,367,700	53,433,900	53,059,200	52,112,000	51,893,700	51,220,100	
manufact housing	1,234,300	1,283,100	1,265,000	1,260,600	1,212,100	1,256,300	1,200,100	1,228,900	1,391,200	1,421,400	
commercial	3,132,800	3,147,500	3,147,500	2,536,800	2,975,900	2,475,000	2,461,800	302,200	3,811,800	2,684,400	
subtotal	62,006,200	61,424,600	61,578,300	60,746,100	60,555,700	57,165,200	56,741,100	56,363,100	57,096,700	55,325,900	
Public utilities	3,635,717	2,348,456	2,305,100	2,317,000	2,154,758	2,037,548	1,762,541	1,546,900	1,472,574	1,342,032	
valuation totals	100,262,437	98,628,456	98,783,050	98,187,900	97,461,518	95,921,378	95,536,131	95,332,940	96,783,824	94,987,762	
Blind exempt	(13,800)	(13,800)	(13,800)	(13,800)	(13,800)	(15,000)	(15,000)	(30,000)	(30,000)	(30,000)	
Elderly exempt	(145,000)	(195,000)	(200,000)	(200,000)	(250,000)	(220,000)	(220,000)	(195,000)	(249,700)	(244,700)	
value for local taxes	100,103,637	98,419,656	98,569,250	97,974,100	97,197,718	95,686,378	95,301,131	95,107,940	96,504,124	94,713,062	
less utilities	(3,635,717)	(2,348,456)	(2,305,100)	(2,317,000)	(2,154,758)	(2,037,548)	(1,762,541)	(1,546,900)	(1,472,574)	(1,342,032)	
value for state ed tax	96,467,920	96,071,200	96,264,150	95,657,100	95,042,960	93,648,830	93,538,590	93,561,040	95,031,550	93,371,030	
<b>Change in town valuation</b>											
Town valuation	100,262,437	98,628,456	98,783,050	98,187,900	97,461,518	95,921,378	95,536,131	95,332,940	96,783,824	94,987,762	
Valuation change	1,633,981	(154,594)	595,150	726,382	1,540,140	385,247	203,191	(1,450,884)	1,796,062		