

TOWN OF BOW, NEW HAMPSHIRE

Capital Improvements Plan FY2021-22 through FY2026-27

CIP Committee

2020

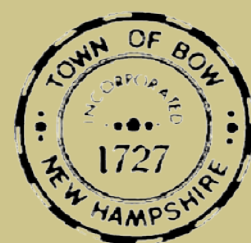


Table of Contents

Introduction.....	2
Capital Improvement Plan Processes.....	3
Financing Methods.....	4
Identification of Town & School Capital Needs.....	5
Conclusions & Recommendations.....	6
Summary of Capital Improvement Projects and Funding.....	11
Net Tax Impact Analysis.....	21
Capital Improvement Project Sheets.....	24
Appendix A: Relevant State Statutes.....	41
Appendix B: Capital Project Request Form.....	42
Appendix C: Project Submission Materials and Backup Information.....	43
Capital Reserve Funds Purposes.....	44
Annual Debt Service on Outstanding Town & School Bonds as of June 30, 2020	45
Statement of Property Tax Assessments for 2018	46
Bow Property Tax Rates per Thousand 2010 – 2018.....	49
2018 Tax Dollar Breakdown by Category.....	50
2018 Comparison of Full Value Tax Rates	51
Tow of Bow Actual (1960 – 2010) and Predicted Populations (2010 – 2040)	58

Introduction

The preparation and adoption of a Capital Improvements Plan (CIP) is an important part of Bow's planning process. A CIP aims to recognize and resolve deficiencies in existing public facilities and anticipate and meet future demand for capital facilities. A CIP is a multi-year schedule that lays out a series of municipal, school, and library projects and their associated costs. Over the six-year period considered by the CIP, it shows how the Town should plan to expand or renovate facilities and services to meet the demands of existing or new population and businesses.

A CIP is an advisory document that can serve a number of purposes, among them to:

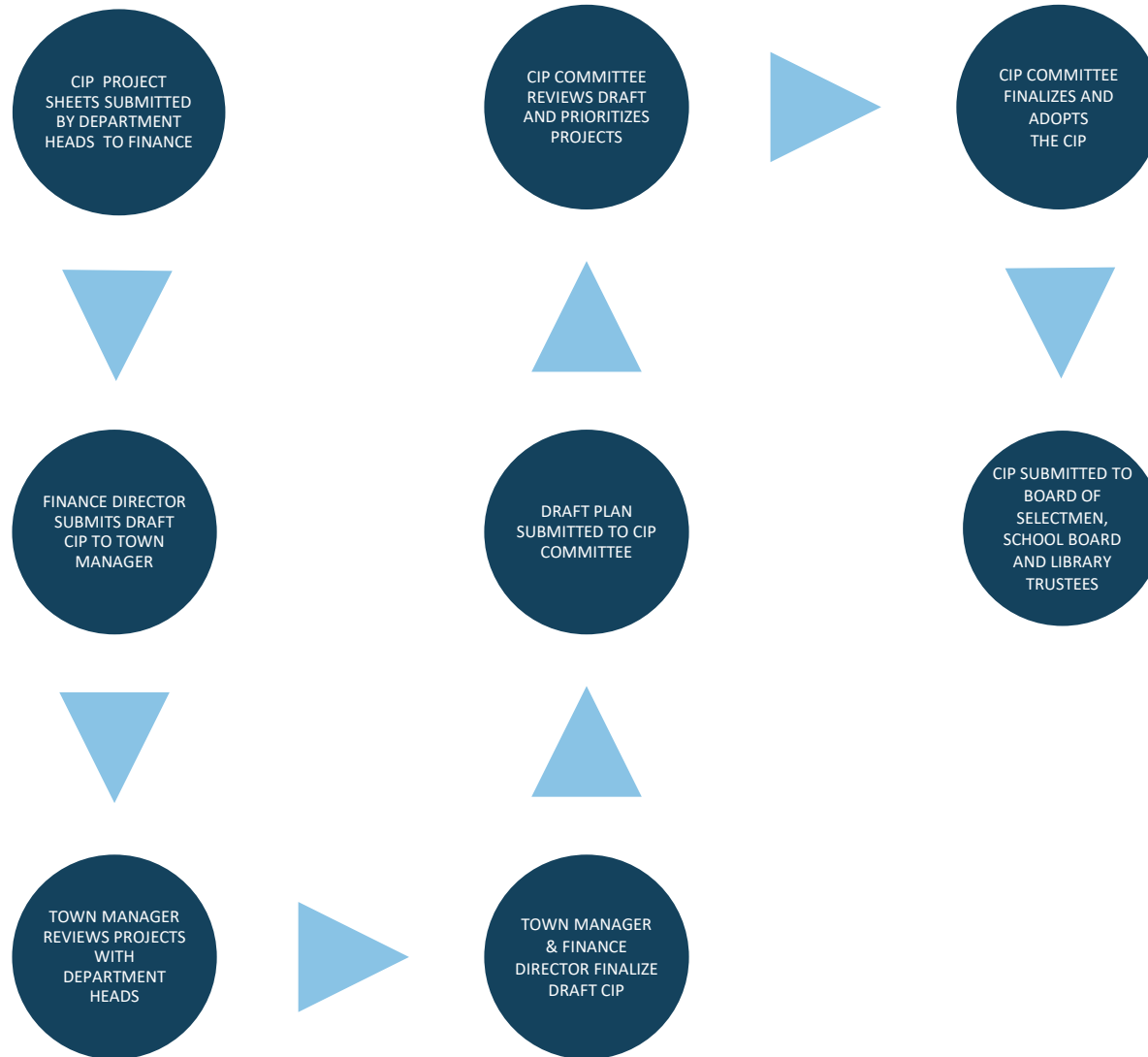
- Guide the Board of Selectmen, School Board, Library Trustees and the Budget Committee in the annual budgeting processes;
- Contribute to stabilizing the Town's real property tax rate;
- Aid the prioritization, coordination, and sequencing of various municipal improvements;
- Inform residents, business owners, and developers of planned improvements;
- Provide the necessary legal basis, continued administration and periodic updates of the Bow Impact Fee Ordinance.

It must be emphasized that the CIP is purely advisory in nature. Ultimate funding decisions are subject to the budgeting process and the annual Town and School District Meetings. The CIP Committee is bringing Department project requests to the attention of the Town, along with recommended priorities, in the hope of facilitating decision making by the Town.

The Program of Capital Expenditures herein provides a guide for budgeting and development of Bow's public facilities. The CIP Committee will review and update the CIP each year prior to budget deliberations. The CIP may be modified each year based on changes in needs and priorities. As noted in the Plan, there are projects proposed where the CIP Committee has determined that there is not enough information to make a recommendation concerning a proposed capital project. These are topics in the opinion of the Committee that should be studied in further detail before funding decisions should be made.

The Capital Improvements Committee has worked hard over the past few months to improve the effectiveness of capital facilities programming in Bow. It is hoped that the improvements made during this time can continue to be refined and evaluated for their effectiveness in future years. The CIP Committee believes that Bow has made great strides in process and format of the Capital Improvements Plan and is hopeful that the improvements have made a difference to the Planning Board, Board of Selectmen, School Board, Library Trustees and Budget Committee as they prepare budgets each year.

CIP Processes



Financing Methods

In the project summaries below, there are several different financing methods used. Four methods require appropriations; either as part of the Town's annual operating budget or as independent warrant articles at Town Meeting.

- The ***1-Year Appropriation (GF)*** is the most common method, and refers to those projects proposed to be funded by real property tax revenues within a single fiscal year.
- The ***Capital Reserve (CRF)*** method requires appropriations over more than one year, with the actual project being accomplished only when the total appropriations meet the project cost.
- ***Lease/Purchase (LP)*** method has been used by the School District and other departments for the purchase of major vehicles.
- ***Bonds (BD)*** are generally limited to the most expensive capital projects, such as major renovations, additions, or new construction of school or municipal buildings or facilities, and allow capital facilities needs to be met immediately while spreading out the cost over many years in the future.
- ***Fund Balance (FB)*** may be used to finance capital projects as approved by Town Meeting.
- ***Impact fees (IF)*** are collected from new development to pay for new facility capacity and placed in a fund until they are either expended within six years as part of the project finance or they are returned to the party they were collected from.
- ***Grants (GR)*** are also utilized to fund capital projects in Bow. Typically, grants will cover a portion of the overall project cost, and the Town is responsible for the remaining percentage of the project cost.
- ***Tax Increment Financing (TIF)***. TIF Districts allow the Town to use increases in valuation of property to directly pay off bonds for infrastructure improvements and capital projects in the district. TIF Districts are set up and administered according to NH RSA's, Chapter 162-K.
- ***Public/Private Partnerships (PPP)*** Lastly, the Town can take advantage of ***Public/Private Partnerships***, where a private organization shares the costs of funding a capital project.
- ***To Be Determined (TBD)*** Uncertain of cost, funding or project timeline.

Identification and Evaluation of Town & School Capital Needs

The Bow CIP Committee uses worksheet forms that are filled out annually and submitted by the Town Manager and Select Board, Library Trustees, and School Board to identify potential capital needs and explain these project requests. Forms are tailored by the CIP Committee and the Finance Department to generate information that defines the relative need and urgency for projects, and which also enables long-term monitoring of the useful life and returns from projects. The CIP submittal form is included in Appendix B. After written descriptions of potential capital projects are submitted, requestors are asked to come before the CIP Committee, as needed, to explain their capital needs and priorities and to explore with the CIP Committee the alternative approaches available to achieve the optimum level of capital needs and improvements.

The CIP Committee evaluates the submitted requests and assigns them to the six-year schedule according to the priority of all capital requests. The following pages describe each of the requests that have been placed in the six year CIP program for projects exceeding \$25,000, and include: spreadsheets of the schedule, funding sources, tax impacts, and other required information. There are several projects included in this plan that fall below the \$25,000 threshold due to them being included and contributions being made to the Capital Reserve Funds prior to establishment of the CIP Committee. Projects not meeting either CIP criteria or projected six year window are identified as possible future projects.

Conclusion and Recommendations

The Committee has identified the following significant projects that should be addressed in the next few years whose costs are significant enough that bonding may be needed. Below are outlines of the projects as viewed by the Committee.

- Renovation of the Bow Elementary School. The School Board created a committee to review the current and future needs of the building and came up with a cost of roughly \$10,000,000. Initially it was planned for FY2021-22 but due to a number of uncertainties, it was put off for at least two years. In light of that and new requirement from the CDC, the School Board is considering renovations to the HVAC system in FY2021-22 at an estimated cost of \$1,371,000, funded from capital reserve accounts with no impact on the tax rate.
- The Committee continues to put a high priority on providing clean, potable water to the Route 3A corridor and Bow Junction. A feasibility and cost analysis has been done for supplying water to Bow Junction and the Business District from the existing system and designs are currently being drawn up at a cost of \$173,800 that is being paid for with funds from the Business Corridor/Bow Junction TIF District. It is anticipated that the plans will be completed by May 2021. The study and designs are necessary in order to apply for MBTE mitigation grant money. The Committee anticipates that this project will require bonding with the anticipation that it can be funded from revenues generated by the Business Corridor/Bow Junction TIF district.
- The Committee suggests that a joint Town and School Building Committee be formed to evaluate all of the town and school buildings and to make recommendations on major renovations.
- Renovation of the Municipal Office Building. A space needs study has been completed on this building suggesting relocation of some offices and renovation of the existing space with an estimated cost of \$1.4 million, which does not include the heating and electrical projects already in the CIP. Because of the uncertainty of the project and its costs, the Committee chose to move the project out to FY2027-28 and increase the contribution to the Municipal Building and Grounds CRF by \$200,000. The Committee asks that the feasibility of phasing the project be looked into.

The Committee made additional changes and recommendations to the Capital Improvements Plan.

- The Committee recommends moving the Bow Bog Road Culvert project up one year and Falcon Way / White Rock Hill Road Intersection project up two years due to \$360,000 from the River Road / Route 3A Intersection becoming available because the State of New Hampshire will be funding that project.
- The Committee recommends moving the construction of the Mixing Shed to FY2021-22 to coincide with construction of the Salt Shed.
- The Committee added the two TIF Districts to the plan.

The Committee has made the following recommendations for the contributions to the Capital Reserve Funds and these recommendations are depicted in the individual capital reserve spreadsheets in this report:

- Reduce the contribution to the Bridge and Highway Capital Reserve Fund from \$120,000 to \$1,000 for FY21/22 through FY26/27 due to \$360,000 from the River Road / Route 3A Intersection becoming available because the State of New Hampshire will be funding that project.
- Reduce the contribution to the Library Building Maintenance Capital Reserve Fund from \$20,000 to \$5,000 for FY21/22 through FY24/25 due to the removal of the HVAC replacement project.
- Reduce the contribution to the Library Emergency Repair Capital Reserve Fund from \$5,000 to \$0 for FY21/22 because it is currently at the \$30,000 target level.
- Level fund the contribution to the Fire Department Equipment Capital Reserve Fund at \$33,000 for FY21/22 through FY26/27.
- Level fund the contribution to the Parks and Recreation Department Improvements Capital Reserve Fund at \$20,000 for FY21/22 through FY26/27.
- Level fund the contribution to the Fire Department Trucks and Ambulances Capital Reserve Fund at \$112,500 for FY21/22 through FY26/27.
- Level fund the contribution to the Community Center CRF at \$5,000 for FY21/22 through FY26/27.
- Level fund the Fire Suppression Water Supply Capital Reserve Fund at \$10,000 for FY21/22 through FY26/27.
- Level fund the Public Water Capital Replacement/System Improvement Capital Reserve Fund at \$50,000 for FY21/22 through FY26/27.

- Increase the contribution to the Police Department Vehicles and Equipment Capital Reserve Fund from \$26,000 to \$42,500 for FY21/22 through FY26/27 to fund additional equipment purchases.
- Increase the contribution to the Public Works Highway Equipment Capital Reserve from \$192,500 to \$217,500 for FY21/22 through FY26/27 due to additional equipment and fully funding of the vehicles and equipment replacement schedule.
- Increase the contribution to the Municipal Buildings and Grounds Capital Reserve Fund from \$65,000 to \$265,000 for FY21/22 through FY26/27 in order to better fund the Municipal Office Building renovations.
- Increase the contribution to the BHS Capital Improvements Capital Reserve Fund from \$0 to \$300,000 for FY2021 through FY26/27 in order to better fund the BHS HVAC and roof replacement scheduled for FY2027-28.
- Increase the funding for the Bow School District Capital Reserve Fund to \$500,000 for FY21/22 through FY23/24 to fund the Elementary School projects and then reduce it to \$100,000 for FY24/25 through FY26/27 after the projects are completed.
- Create a Property Revaluation Capital Reserve Fund for the purpose of funding the reassessment of properties every five years as required by State statutes and to contribute \$18,000 for FY21/22 through FY26/27.

The Committee also reviewed the following changes that were made during the budget process to the capital reserve contribution levels that the committee had recommended.

Capital Reserve Fund	FY20/21 Committee Recommendation	FY20/21 Town/School Meeting Approval	FY21/22 Committee Recommendation
Bridge & Highway Construction	\$120,000	\$120,000	\$1,000
Public Works Equipment	\$192,500	\$192,500	\$217,500
Fire Department Equipment	\$33,000	\$33,000	\$33,000
Police Equipment	\$30,000	\$26,000	\$42,500
Recreation Improvements	\$20,000	\$20,000	\$20,000
Municipal Buildings & Grounds	\$65,000	\$65,000	\$265,000
Fire Trucks	\$112,500	\$112,500	\$112,500
Library Emergency Repair	\$5,000	\$5,000	\$0
Library Building Maintenance	\$20,000	\$20,000	\$5,000
Community Center	\$5,000	\$5,000	\$5,000
Fire Suppression Water Supply	\$10,000	\$10,000	\$10,000
Public Water System(s)	\$50,000	\$50,000	\$50,000
Bow School District	\$400,000	\$1	\$500,000
BHS Capital Improvements	\$100,000	\$0	\$300,000
Property Revaluation	n/a	n/a	\$18,000
Total	\$1,163,000	\$659,001	\$1,579,500

The Committee recommends total contributions of \$1,579,500 to the Town and School capital reserve funds. This is a \$416,500 increase over last year's recommendation due to the increased recommendation to the Municipal Buildings and Grounds and BHS Capital Improvements funds.

Respectfully Submitted,

William Oldenburg, Chair (Planning Board Representative)

Glenn Dugas (Citizen Representative)

Mark Davis (Citizen Representative)

Colleen Hunter (Select Board Representative)

Mike Wayne (Select Board Alternate)

Jennifer Strong-Rain (School Board Representative)

Jeffrey Knight (Budget Committee Representative)

The Committee would like to thank the following for their assistance and valuable insight:

David Stack, Town Manager

Geoff Ruggles, Finance Director

Margaret Lougee, Police Chief

Mitchell Harrington, Fire Chief

Timothy Sweeney, Director of Public Works

Rick Wombolt, DPW Shop Foreman

Library Trustees

SAU #67 and the Bow School Board

Duane Ford, Assistant Superintendent

Wendy Gilman, Recording Secretary

Town of Bow											
Summary of Capital Improvement Projects and Funding											
Bridge and Highway Construction											
Funding Source	Current	Purchase	Est.								
Purchase / Project	Est. Cost	Year	Life	Current	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	
General Fund Taxation											
Annual Road Paving	550,000	2019-20	1	550,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000
<i>Total:</i>	<i>550,000</i>			<i>550,000</i>	<i>550,000</i>	<i>550,000</i>	<i>550,000</i>	<i>550,000</i>	<i>550,000</i>	<i>550,000</i>	<i>550,000</i>
Bridge & Highway Construction Capital Reserve Fund											
Falcon Way/WhRock Int. Engineering	62,500	2021-22	20		62,500	-	-	-	-	-	-
Page Road Bridge	958,100	2023-24	50		-	-	996,900	-	-	-	-
Bow Bog Road culvert	345,800	2023-24	50		-	-	359,800	-	-	-	-
Falcon Way/White Rock Hill Rd Inters	306,000	2023-24	50		-	-	318,400	-	-	-	-
River Road Bridge	1,113,200	2025-26	50		-	-	-	-	1,205,000	-	-
River Rd/Rte 3A Int. Engineering	0	2026-27	50		-	-	-	-	-	-	-
Page Rd Drainage Engineering	62,500	2027-28	20		-	-	-	-	-	-	-
River Rd/Rte 3A Intersection	0	2028-29	50		-	-	-	-	-	-	-
Page Road Drainage system	255,000	2029-30	50		-	-	-	-	-	-	-
White Rock Hill Culvert	40,800	2030-31	50		-	-	-	-	-	-	-
Garvin Falls Road Culvert	100,800	2058-69	50		-	-	-	-	-	-	-
Birchdale Road Bridge	736,500	2067-68	50		-	-	-	-	-	-	-
River Road culvert - boat ramp	51,000	2068-69	50		-	-	-	-	-	-	-
So. Bow Road culverts (3)	122,400	2068-69	50		-	-	-	-	-	-	-
Buckingham Dr. Culverts	38,000	2070-71	50	38,000	-	-	-	-	-	-	-
Dunklee Bridge	1,401,800	2070-71	50	711,892	-	-	-	-	-	-	-
Dunklee /Rt 3A Intersection	1,297,900	2070-71	20		-	-	-	-	-	-	-
<i>Total:</i>	<i>6,892,300</i>			<i>749,892</i>	<i>62,500</i>	<i>-</i>	<i>1,675,100</i>	<i>-</i>	<i>1,205,000</i>	<i>-</i>	<i>-</i>
Beginning Capital Reserve Balance				859,558	229,666	1,886,805	1,887,805	213,705	880,065	199,839	
Proposed Contribution				120,000	1,000	1,000	1,000	1,000	1,000	1,000	
State Bridge Aid Reimbursement					1,718,639			665,360	523,774	728,240	
Proposed Expenditure				(749,892)	(62,500)	-	(1,675,100)	-	(1,205,000)	-	
Ending Est. Capital Reserve Balance				229,666	1,886,805	1,887,805	213,705	880,065	199,839	929,079	
Bridge Capital Reserve Fund											
Page Road culvert - Br. London TPK	46,800	2022-23	50		-	47,800	-	-	-	-	-
Bow Bog Rd culvert Engineering	61,200	2021-22	50		61,200	-	-	-	-	-	-
River Road Bridge Design	168,300	2023-24	50		-	-	175,100	-	-	-	-
Bow Bog Road culvert	30,600	2024-25	50		-	-	-	32,500	-	-	-
<i>Total:</i>	<i>306,900</i>			<i>-</i>	<i>61,200</i>	<i>47,800</i>	<i>175,100</i>	<i>32,500</i>	<i>-</i>	<i>-</i>	<i>-</i>
Beginning Capital Reserve Balance				245,645	333,645	272,445	224,645	49,545	17,045	17,045	
Proposed Contribution				-	-	-	-	-	-	-	
State Bridge Aid Reimbursement				88,000							
Proposed Expenditure					(61,200)	(47,800)	(175,100)	(32,500)	-	-	
Ending Est. Capital Reserve Balance				333,645	272,445	224,645	49,545	17,045	17,045	17,045	

Town of Bow										
Summary of Capital Improvement Projects and Funding										
Municipal Facilities										
Funding Source	Current	Purchase	Est.							
Purchase / Project	Est. Cost	Year	Life	Current	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
General Fund Bonding										
Community Center Project	0	2023-24	40		-	-	-	-	-	-
Municipal Office Building Renovation	0	2026-27	30		-	-	-	-	-	-
Total Annual Bond Payments:				-	-	-	-	-	-	-
Municipal Buildings and Grounds CRF										
Municipal Office Building (1927)										
Heating System	46,900	2026-27	30		-	-	-	-	-	51,800
Electrical	88,500	2026-27	50		-	-	-	-	-	97,800
Municipal Building Renovation	1,414,848	2027-28	30		-	-	-	-	-	-
Paving/Drainage	93,700	2034-35	15		-	-	-	-	-	-
Generator	28,100	2036-37	20		-	-	-	-	-	-
Exterior Walls - vinyl siding	43,600	2037-38	30		-	-	-	-	-	-
Air Conditioning	36,500	2047-48	15		-	-	-	-	-	-
Roof - asphalt	60,400	2047-48	30		-	-	-	-	-	-
Main Level Bathrooms	76,500	2050-51	30	75,000	-	-	-	-	-	-
Total:	1,889,048			75,000	-	-	-	-	-	149,600
Public Works Building (1987)										
Mixing Shed	76,500	2021-22	50		76,500	-	-	-	-	-
Air Conditioning	46,900	2025-26	20		-	-	-	-	50,800	-
Paving	72,900	2026-27	15		-	-	-	-	-	80,500
Heating System	72,900	2028-29	30		-	-	-	-	-	-
Roof - membrane	26,100	2032-33	20		-	-	-	-	-	-
Roof - metal	171,700	2037-38	50		-	-	-	-	-	-
Drainage	26,100	2037-38	50		-	-	-	-	-	-
Generator	36,500	2039-40	20		-	-	-	-	-	-
Fuel System Replacement	120,300	2040-41	20	117,920	-	-	-	-	-	-
Exterior Walls - vinyl siding	26,100	2044-45	30		-	-	-	-	-	-
Exterior Walls - metal	88,500	2051-52	50		-	-	-	-	-	-
Salt Shed	280,500	2070-71	50	275,000	-	-	-	-	-	-
Total:	1,045,000			392,920	76,500	-	-	-	50,800	80,500
Public Safety Center (2017)										
Flooring - carpet	69,000	2027-28	10		-	-	-	-	-	-
Garage Doors	46,800	2031-32	20		-	-	-	-	-	-
Paving	145,000	2032-33	15		-	-	-	-	-	-
HVAC	176,000	2036-37	20		-	-	-	-	-	-
Generator	78,800	2037-38	20		-	-	-	-	-	-
Roof - asphalt	92,600	2046-47	30		-	-	-	-	-	-
Exterior Walls - vinyl siding	90,300	2046-47	30		-	-	-	-	-	-
Drainage	26,100	2067-68	50		-	-	-	-	-	-
Total:	724,600			-	-	-	-	-	-	-
Beginning Capital Reserve Balance				526,840	33,920	222,420	487,420	752,420	1,017,420	1,231,620
Proposed Contribution				65,000	265,000	265,000	265,000	265,000	265,000	265,000
Proposed Expenditure				(557,920)	(76,500)	-	-	-	(50,800)	(230,100)
Ending Est. Capital Reserve Balance				33,920	222,420	487,420	752,420	1,017,420	1,231,620	1,266,520
1-School District to contribute an additional \$58,080										

Town of Bow										
Summary of Capital Improvement Projects and Funding										
Municipal Facilities										
Funding Source	Current	Purchase	Est.							
Purchase / Project	Est. Cost	Year	Life	Current	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
Community Center CRF										
Total:	-			-	-	-	-	-	-	-
Beginning Capital Reserve Balance				5,354	10,354	15,354	20,354	25,354	30,354	35,354
Proposed Contribution				5,000	5,000	5,000	5,000	5,000	5,000	5,000
Proposed Expenditure					-	-	-	-	-	-
Ending Est. Capital Reserve Balance				10,354	15,354	20,354	25,354	30,354	35,354	40,354
Municipal Facilities Emergency CRF*										
Total:	-			-	-	-	-	-	-	-
Beginning Capital Reserve Balance				32,980	32,980	32,980	32,980	32,980	32,980	32,980
Proposed Contribution										
Proposed Expenditure					-	-	-	-	-	-
Ending Est. Capital Reserve Balance				32,980	32,980	32,980	32,980	32,980	32,980	32,980
*Selectmen are agents to expend										

Town of Bow										
Summary of Capital Improvement Projects and Funding										
Property Revaluation										
Funding Source	Current	Purchase	Est.							
Purchase / Project	Est. Cost	Year	Life	Current	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
Property Revaluation Fund										
5 year Revaluation	64,800	2024-25	5		-	-	-	68,800	-	-
Total:	64,800			-	-	-	-	68,800	-	-
Beginning Capital Reserve Balance				-	-	18,000	36,000	54,000	3,200	18,200
Proposed Contribution				-	18,000	18,000	18,000	18,000	15,000	15,000
Proposed Expenditure					-	-	-	(68,800)	-	-
Ending Est. Capital Reserve Balance				-	18,000	36,000	54,000	3,200	18,200	33,200

Town of Bow											
Summary of Capital Improvement Projects and Funding											
Public Works Department											
Funding Source	Current	Purchase	Est.								
Purchase / Project	Est. Cost	Year	Life	Current	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	
Public Works Capital Reserve Fund											
Tiltrotator Attachment for Excavator	31,500	2021-22	25		31,500	-	-	-	-	-	-
2008 6-Wheel Dump Truck (T-4)	148,600	2021-22	15		148,600	-	-	-	-	-	-
1999 John Deer Tractor (P&R)	30,300	2021-22	20		30,300	-	-	-	-	-	-
(New) Van, Bldg. Maint.	0	2021-22	10		-	-	-	-	-	-	-
2016 Parks & Rec Mow er - Toro	28,800	2022-23	20		-	29,400	-	-	-	-	-
2009 6-Wheel Dump Truck (T-3)	148,600	2022-23	15		-	151,600	-	-	-	-	-
2012 1-Ton Dump Truck (T-10)	72,600	2022-23	8		-	74,100	-	-	-	-	-
2013 Backhoe	150,900	2023-24	9		-	-	157,000	-	-	-	-
2014 Pickup Truck, PWD Dir.	36,500	2024-25	10		-	-	-	38,800	-	-	-
2010 6-Wheel Dump Truck (T-2)	148,600	2024-25	15		-	-	-	157,700	-	-	-
2000 Grader	364,200	2025-26	20		-	-	-	-	394,300	-	-
2014 6-Wheel Dump Truck (T-1)	148,600	2026-27	15		-	-	-	-	-	164,100	-
2015 Loader	208,100	2026-27	12		-	-	-	-	-	-	229,800
Radios	52,100	2026-27	8		-	-	-	-	-	-	57,600
2008 John Deere Mow er (P&R)	32,300	2026-27	10		-	-	-	-	-	-	35,700
2016 Excavator	120,700	2027-28	10		-	-	-	-	-	-	-
2004 Pickup Truck, Foreman	72,900	2028-29	8		-	-	-	-	-	-	-
2007 Jet & Vac	130,100	2028-29	20		-	-	-	-	-	-	-
2010 1-Ton Utility Truck (T-9)	72,600	2028-29	8	76,500	-	-	-	-	-	-	-
2012 Chipper	52,100	2029-30	20		-	-	-	-	-	-	-
2018 Pickup Truck, Parks&Rec	62,500	2030-31	12		-	-	-	-	-	-	-
2017 10-Wheel Dump Truck (T-8)	184,200	2032-33	15		-	-	-	-	-	-	-
2018 Tractor w / Mow ing Attachment	119,700	2018-19	15		-	-	-	-	-	-	-
2018 6-Wheel Dump Truck (T-7)	148,600	2033-34	15		-	-	-	-	-	-	-
2020 6-Wheel Dump Truck (T-5)	148,600	2035-36	15	80,000	-	-	-	-	-	-	-
2004 10-Wheel Dump Truck (T-6)	184,200	2035-36	15	225,854	-	-	-	-	-	-	-
Total:	2,897,900			382,354	210,400	255,100	157,000	196,500	394,300	487,200	
Beginning Capital Reserve Balance				602,769	412,915	420,015	382,415	442,915	463,915	287,115	
Proposed Contribution				192,500	217,500	217,500	217,500	217,500	217,500	217,500	
Proposed Expenditure				(382,354)	(210,400)	(255,100)	(157,000)	(196,500)	(394,300)	(487,200)	
Ending Est. Capital Reserve Balance				412,915	420,015	382,415	442,915	463,915	287,115	17,415	

Town of Bow										
Summary of Capital Improvement Projects and Funding										
Fire Department										
<u>Funding Source</u>	Current	Purchase	Est.							
Purchase / Project	Est. Cost	Year	Life	Current	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
General Fund Taxation										
					-	-	-	-	-	-
<i>Total:</i>	-				-	-	-	-	-	-
Fire Truck Capital Reserve Fund										
1-Ton Pickup Truck	78,000	2021-22	8		78,000	-	-	-	-	-
2012 SUV (C-1)	52,000	2022-23	10		-	53,000	-	-	-	-
2004 Forestry Truck	102,500	2022-23	10		-	104,600	-	-	-	-
2009 Pumper (E-1)	676,300	2024-25	15		-	-	-	717,700	-	-
2014 Ambulance (A-1)	254,900	2025-26	10		-	-	-	-	275,900	-
2020 Ambulance (A-2)	254,900	2030-31	10	249,900	-	-	-	-	-	-
2007 Rescue Truck (R-1)	208,100	2032-33	20		-	-	-	-	-	-
2020 Pumper (E-3)	702,300	2034-35	15		-	-	-	-	-	-
2017 Tanker (T-1)	367,200	2035-36	20		-	-	-	-	-	-
<i>Total:</i>	2,696,200			249,900	78,000	157,600	-	717,700	275,900	-
Beginning Capital Reserve Balance				1,261,850	736,156	770,656	725,556	838,056	232,856	69,456
Proposed Contribution				112,500	112,500	112,500	112,500	112,500	112,500	112,500
Proposed Expenditure				(638,193)	(78,000)	(157,600)	-	(717,700)	(275,900)	-
Ending Est. Capital Reserve Balance				736,156	770,656	725,556	838,056	232,856	69,456	181,956
Fire Equipment Capital Reserve Fund										
2012 Turnout Gear	81,600	2021-22	10		81,600	-	-	-	-	-
2011 Defibrillators	65,000	2021-22	10		65,000	-	-	-	-	-
2012 CPR Machines	31,200	2022-23	10		-	31,800	-	-	-	-
2008 SCBA Equipment	170,000	2022-23	15		-	173,400	-	-	-	-
Jaws of Life	31,200	2023-24	10		-	-	32,500	-	-	-
2016 Radio Equipment	43,800	2028-29	10		-	-	-	-	-	-
Rescue Boat	18,700	2033-34	20		-	-	-	-	-	-
2017 SCBA Air Compressor	52,000	2035-36	25		-	-	-	-	-	-
<i>Total:</i>	493,500			-	146,600	205,200	32,500	-	-	-
Beginning Capital Reserve Balance				260,917	293,917	180,317	8,117	8,617	41,617	74,617
Proposed Contribution				33,000	33,000	33,000	33,000	33,000	33,000	33,000
Proposed Expenditure				-	(146,600)	(205,200)	(32,500)	-	-	-
Ending Est. Capital Reserve Balance				293,917	180,317	8,117	8,617	41,617	74,617	107,617

Town of Bow										
Summary of Capital Improvement Projects and Funding										
Fire Department										
Funding Source	Current	Purchase	Est.							
Purchase / Project	Est. Cost	Year	Life	Current	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
Fire Suppression Water Supply CRF										
Hampshire Hills Dr.,3conc.-10K,1996	60,000	2036-37	40	-	-	-	-	-	-	-
Windchime Dr.,3concrete-10K,2002	60,000	2042-43	40	-	-	-	-	-	-	-
Stone Sled Ln.,3concrete-10K,2004	60,000	2044-45	40	-	-	-	-	-	-	-
Sundance Ln.,3concrete-10K,2005	60,000	2045-46	40	-	-	-	-	-	-	-
Dicandra Dr.,3concrete-10K,2008	60,000	2048-49	40	400	-	-	-	-	-	-
Peaslee Rd.,3concrete-10K,2008	60,000	2048-49	40	-	-	-	-	-	-	-
Thibault Dr.,steel-30K,2015	60,000	2035-36	20	-	-	-	-	-	-	-
Safety Center,steel-25K,2017	60,000	2037-38	20	-	-	-	-	-	-	-
Total:	480,000			400	-	-	-	-	-	-
Beginning Capital Reserve Balance					9,600	19,600	29,600	39,600	49,600	59,600
Proposed Contribution				10,000	10,000	10,000	10,000	10,000	10,000	10,000
Proposed Expenditure				(400)	-	-	-	-	-	-
Ending Est. Capital Reserve Balance				9,600	19,600	29,600	39,600	49,600	59,600	69,600

Town of Bow										
Summary of Capital Improvement Projects and Funding										
Police Department										
Funding Source	Current	Purchase	Est.							
Purchase / Project	Est. Cost	Year	Life	Current	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
General Fund Taxation										
Patrol Vehicle - GF	45,000	2021-22	4	45,000	45,000	45,900	46,800	47,800	48,700	49,700
Patrol Vehicle - GF	45,000	2021-22	99		45,000	-	-	-	-	-
Total:	90,000			45,000	90,000	45,900	46,800	47,800	48,700	49,700
Police Capital Reserve Fund										
Merge IMC Data from Old System	35,000	2021-22	99	35,000	-	-	-	-	-	-
Patrol Vehicle - K9	48,000	2023-24	6	-	-	50,000	-	-	-	-
Mobile Data Terminals	46,100	2024-25	6	-	-	-	49,000	-	-	-
E-Readers	26,100	2025-26	8	-	-	-	-	28,300	-	-
Body Cameras	50,000	2025-26	5	-	-	-	-	54,200	-	-
Chief's Vehicle	43,000	2026-27	6	43,000	-	-	-	-	-	47,500
Security Monitoring Equip	41,700	2028-29	10	-	-	-	-	-	-	-
Radio Equipment	42,900	2029-30	10	-	-	-	-	-	-	-
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
Total:	332,800			43,000	35,000	-	50,000	49,000	82,500	47,500
Beginning Capital Reserve Balance				75,255	44,425	51,925	94,425	86,925	80,425	40,425
Proposed Contribution				26,000	42,500	42,500	42,500	42,500	42,500	42,500
Proposed Expenditure				(56,830)	(35,000)	-	(50,000)	(49,000)	(82,500)	(47,500)
Ending Est. Capital Reserve Balance				44,425	51,925	94,425	86,925	80,425	40,425	35,425

Town of Bow										
Summary of Capital Improvement Projects and Funding										
Baker Free Library										
<u>Funding Source</u>	Current	Purchase	Est.							
Purchase / Project	Est. Cost	Year	Life	Current	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
Library Maintenance CRF										
Generator	32,700	2023-24	25		-	-	34,100	-	-	-
Main Floor Carpet	72,900	2029-30	25		-	-	-	-	-	-
Elevator replacement	85,300	2030-31	15		-	-	-	-	-	-
Replace furnace & control system	65,300	2034-35	15		-	-	-	-	-	-
Replace shingle & flat rubber roof	68,400	2039-40	20		-	-	-	-	-	-
AC & Air Handlers	45,900	2039-40	20		-	-	-	-	-	-
Total:	370,500			-	-	-	34,100	-	-	-
Beginning Capital Reserve Balance				25,902	30,902	35,902	40,902	11,802	16,802	21,802
Proposed Contribution				5,000	5,000	5,000	5,000	5,000	5,000	5,000
Proposed Expenditure				-	-	-	(34,100)	-	-	-
Ending Est. Capital Reserve Balance				30,902	35,902	40,902	11,802	16,802	21,802	26,802
Library Emergency CRF										
	5,000	2020-2021			-	-	-	-	-	-
Total:	5,000				-	-	-	-	-	-
Beginning Capital Reserve Balance				26,084	31,084	31,084	31,084	31,084	31,084	31,084
Proposed Contribution				5,000		-				
Proposed Expenditure					-	-	-	-	-	-
Ending Est. Capital Reserve Balance				31,084	31,084	31,084	31,084	31,084	31,084	31,084

Town of Bow										
Summary of Capital Improvement Projects and Funding										
Parks & Recreation Improvements										
<u>Funding Source</u>	Current	Purchase	Est.							
Purchase / Project	Est. Cost	Year	Life	Current	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
General Fund Taxation										
Total:	-			-	-	-	-	-	-	-
Recreation Improvements Capital Reserve Fund										
Hanson Park storage building	95,200	2021-22	50		95,200	-	-	-	-	-
St. Cyr playground Equip. Phase 1	36,500	2024-25	20		-	-	-	38,800	-	-
St. Cyr playground Equip. Phase 2	36,500	2025-26	20		-	-	-	-	39,600	-
Total:	168,200			-	95,200	-	-	38,800	39,600	-
Beginning Capital Reserve Balance				60,041	80,041	4,841	24,841	44,841	26,041	6,441
Proposed Contribution				20,000	20,000	20,000	20,000	20,000	20,000	20,000
Proposed Expenditure					(95,200)	-	-	(38,800)	(39,600)	-
Ending Est. Capital Reserve Balance				80,041	4,841	24,841	44,841	26,041	6,441	26,441

Town of Bow										
Summary of Capital Improvement Projects and Funding										
Water and Sewer System										
Funding Source	Current	Purchase	Est.							
Purchase / Project	Est. Cost	Year	Life	Current	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
Water Fund										
Water System Extension (bond)	8,156,500	TBD	50		-	-	-	-	-	-
					-	-	-	-	-	-
Total:	8,156,500			-	-	-	-	-	-	-
Water System CRF										
Beginning Capital Reserve Balance				-	50,000	100,000	150,000	200,000	250,000	300,000
Proposed Contribution				50,000	50,000	50,000	50,000	50,000	50,000	50,000
Proposed Expenditure										
Ending Est. Capital Reserve Balance				50,000	100,000	150,000	200,000	250,000	300,000	350,000
Sewer Fund										
Sewer System Activation	0	TBD	50		-	-	-	-	-	-
	0				-	-	-	-	-	-
Total:	-			-	-	-	-	-	-	-
Beginning Capital Reserve Balance				21,959	21,959	21,959	21,959	21,959	21,959	21,959
Proposed Contribution				-	-	-	-	-	-	-
Proposed Expenditure					-	-	-	-	-	-
Ending Est. Capital Reserve Balance				21,959	21,959	21,959	21,959	21,959	21,959	21,959

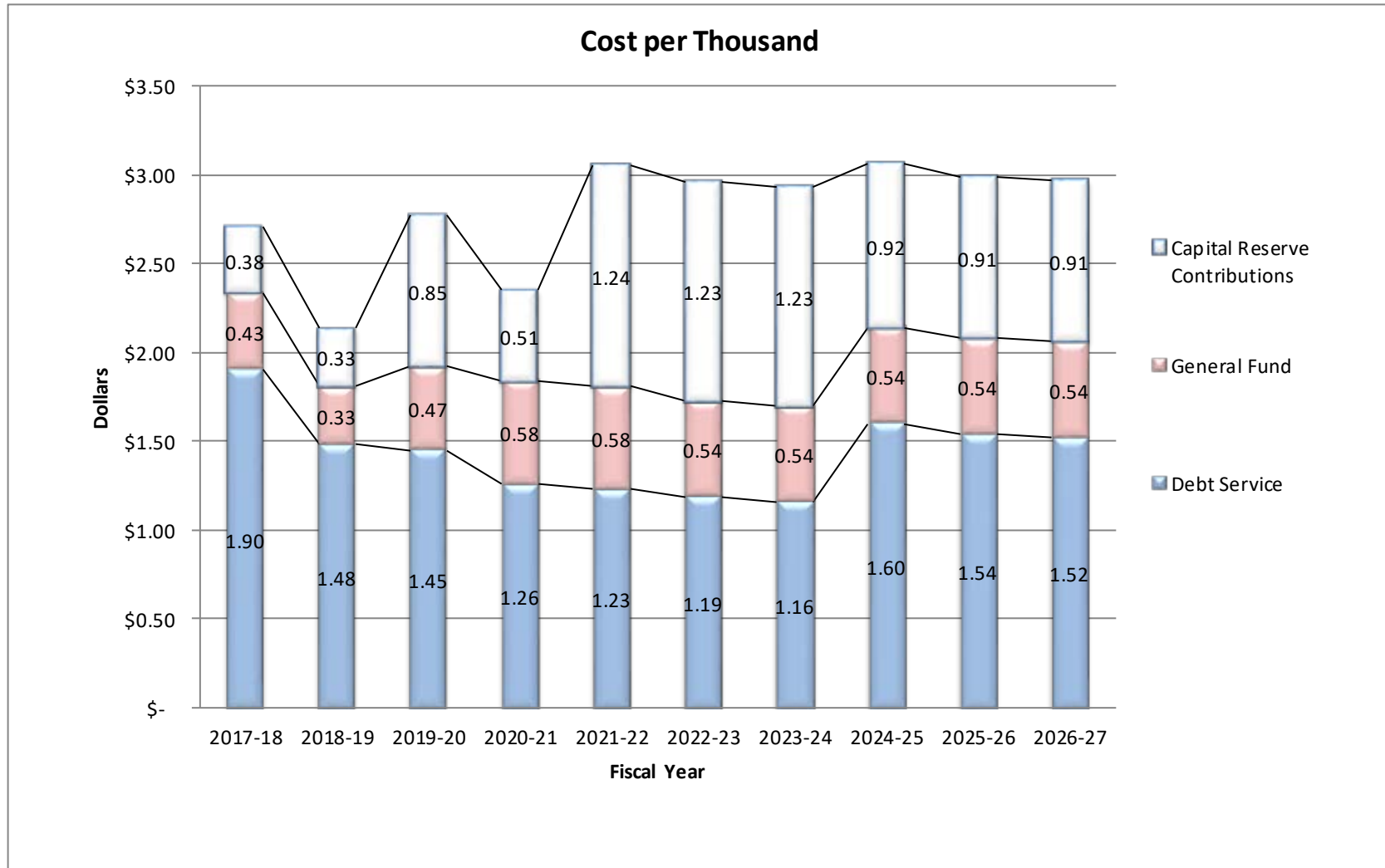
Town of Bow										
Summary of Capital Improvement Projects and Funding										
TIF Districts										
Funding Source	Current	Purchase	Est.							
Purchase / Project	Est. Cost	Year	Life	Current	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
Business Corridor/Bow Junction TIF District										
Water System Extension Design	173,800	2020-21	50	173,800	-	-	-	-	-	-
Total:	173,800			173,800	-	-	-	-	-	-
Beginning Balance				280,056	376,256	647,606	920,312	1,194,383	1,469,823	1,746,641
Estimated Assessment				270,000	271,350	272,707	274,070	275,441	276,818	278,202
Proposed Expenditure				(173,800)	-	-	-	-	-	-
Ending Reserve Balance				376,256	647,606	920,312	1,194,383	1,469,823	1,746,641	2,024,843
South Bow TIF District										
Beginning Capital Reserve Balance*				48,831	108,831	169,131	229,733	290,637	351,846	413,361
Estimated Assessment				60,000	60,300	60,602	60,905	61,209	61,515	61,823
Proposed Expenditure										
Ending Est. Capital Reserve Balance				108,831	169,131	229,733	290,637	351,846	413,361	475,184
*Original balance of \$60,941.59 less the \$12,110.25 cost for a feasibility study to extend water and sewer to the area. Study costs are being share with the Hooksett Village Water Precinct.										

Town of Bow										
Summary of Capital Improvement Projects and Funding										
School District										
Funding Source	Current	Purchase	Est.							
Purchase / Project	Est. Cost	Year	Life	Current	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
General Fund Taxation										
Bus Lease-Purchase	100,000	2020-21	1		100,000	100,000	100,000	100,000	100,000	100,000
<i>Total:</i>	<i>100,000</i>				<i>100,000</i>	<i>100,000</i>	<i>100,000</i>	<i>100,000</i>	<i>100,000</i>	<i>100,000</i>
General Fund Bonding										
Elementary School Renovation*	8,300,000	2023-24	40		-	-	83,000	713,800	702,733	691,667
<i>Total Annual Bond Payments:</i>					-	-	<i>83,000</i>	<i>713,800</i>	<i>702,733</i>	<i>691,667</i>
Bow School District CRF										
Elementary School HVAC**	871,000	2021-22	20		871,000	-	-	-	-	-
Elementary School Architect	150,000	2022-23	25		-	150,000	-	-	-	-
Elementary School Renovation*	500,000	2023-24	40		-	-	500,000	-	-	-
Middle School Roof	837,687	2046-47	40		-	-	-	-	-	-
Middle School HVAC	1,343,972	2035-36	30		-	-	-	-	-	-
Middle School Windows	420,000	2032-33	30		-	-	-	-	-	-
Middle School Playground	90,000	2048-49	30		-	-	-	-	-	-
<i>Total:</i>	<i>4,212,659</i>				<i>871,000</i>	<i>150,000</i>	<i>500,000</i>	-	-	-
Beginning Capital Reserve Balance				699,048	699,049	328,049	678,049	678,049	778,049	878,049
Proposed Contribution			1		500,000	500,000	500,000	100,000	100,000	100,000
Proposed Expenditure					(871,000)	(150,000)	(500,000)	-	-	-
Ending Est. Capital Reserve Balance				699,049	328,049	678,049	678,049	778,049	878,049	978,049
BHS Capital Improvements CRF										
BHS Roof Replacemnt	650,000	2027-28	30		-	-	-	-	-	-
BHS HVAC	2,045,000	2027-28	30		-	-	-	-	-	-
BHS Window Replacement	687,000	2027-28	30		-	-	-	-	-	-
<i>Total:</i>	<i>3,382,000</i>				-	-	-	-	-	-
Beginning Capital Reserve Balance				106,610	106,610	406,610	706,610	1,006,610	1,306,610	1,606,610
Proposed Contribution					300,000	300,000	300,000	300,000	300,000	300,000
Proposed Expenditure					-	-	-	-	-	-
Ending Est. Capital Reserve Balance				106,610	406,610	706,610	1,006,610	1,306,610	1,606,610	1,906,610
*Total cost of the Elementary School Renovation is \$8,800,000 not including the HVAC replacement. \$500,000 from capital reserves and \$8.3 million to be bonded.										
**Total cost for the Elementary School HVAC replacment/upgrade is \$1,371,000. \$500,000 to come from the Bow School District HVAC CRF and \$871,000 to come from the Bow School District CRF.										

Town of Bow										
Summary of Capital Improvement Projects and Funding										
Bow School District HVAC CRF										
Elementary School Air Handling Units	500,000	2021-22	20		500,000	-	-	-	-	-
Total:	500,000				500,000	-	-	-	-	-
Beginning Capital Reserve Balance				541,563	541,563	41,563	41,563	41,563	41,563	41,563
Proposed Contribution										
Proposed Expenditure					(500,000)	-	-	-	-	-
Ending Est. Capital Reserve Balance				541,563	41,563	41,563	41,563	41,563	41,563	41,563
Bow School District Paving CRF										
					-	-	-	-	-	-
Total:	-				-	-	-	-	-	-
Beginning Capital Reserve Balance				8,815	8,815	8,815	8,815	8,815	8,815	8,815
Ending Est. Capital Reserve Balance				8,815	8,815	8,815	8,815	8,815	8,815	8,815
Athletic Fields & Facilities CRF										
High School Track	224,500	2026-27	30		-	-	-	-	-	247,900
High School Athletic Fields	892,100	2026-27	30		-	-	-	-	-	985,000
Turf Field	0	2020-21	30		-	-	-	-	-	-
Total:	1,116,600				-	-	-	-	-	1,232,900
Beginning Capital Reserve Balance				73,358	101,358	130,108	158,858	187,608	216,358	245,108
Proposed Contribution				28,000	28,750	28,750	28,750	28,750	28,750	28,750
Proposed Expenditure					-	-	-	-	-	(1,232,900)
Ending Est. Capital Reserve Balance				101,358	130,108	158,858	187,608	216,358	245,108	(959,042)
AREA School - Dunbarton Fees CRF										
					-	-	-	-	-	-
Total:	-				-	-	-	-	-	-
Beginning Capital Reserve Balance				168,759	227,488	267,488	307,488	347,488	387,488	427,488
Proposed Contribution				58,729	40,000	40,000	40,000	40,000	40,000	40,000
Proposed Expenditure					-	-	-	-	-	-
Ending Est. Capital Reserve Balance				227,488	267,488	307,488	347,488	387,488	427,488	467,488

Summary of Capital Improvement Projects									
Net Expense									
		Source	Current	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
Capital Projects Summary									
	Town Projects		\$595,000	\$1,405,400	\$1,261,600	\$2,720,600	\$1,701,100	\$2,646,800	\$1,364,500
	School Projects		\$0	\$1,471,000	\$250,000	\$600,000	\$100,000	\$100,000	\$1,332,900
Total All Capital Projects			\$595,000	\$2,876,400	\$1,511,600	\$3,320,600	\$1,801,100	\$2,746,800	\$2,697,400
Current & Proposed Debt Expense									
	Outstanding Bonds (Town)	GF	\$1,351,104	\$1,326,406	\$1,284,215	\$1,181,285	\$1,121,892	\$1,070,766	\$1,042,101
	Outstanding Bonds (School)	SDGF	\$258,200	\$249,400	\$240,500	\$231,500	\$222,500	\$213,500	\$204,500
	Elementary School (School)	SDGF	\$0	\$0	\$0	\$83,000	\$713,800	\$702,733	\$691,667
Total Debt			\$1,609,304	\$1,575,806	\$1,524,715	\$1,495,785	\$2,058,192	\$1,986,999	\$1,938,267
Net Tax Impact Per Thousand			\$1.26	\$1.23	\$1.19	\$1.16	\$1.60	\$1.54	\$1.50
General Fund Expense									
	Town Projects	GF	\$640,000	\$640,000	\$595,900	\$596,800	\$597,800	\$598,700	\$599,700
	School Projects	SDGF	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Total			\$740,000	\$740,000	\$695,900	\$696,800	\$697,800	\$698,700	\$699,700
Net Tax Impact Per Thousand			\$0.58	\$0.58	\$0.54	\$0.54	\$0.54	\$0.54	\$0.54
Capital Reserve Funds - Contributions									
	Buildings & Facilities	GF	\$65,000	\$265,000	\$265,000	\$265,000	\$265,000	\$265,000	\$265,000
	Bridges & Highways	GF	\$120,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
	Community Center CRF	GF	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
	Fire Department Equipment	GF	\$33,000	\$33,000	\$33,000	\$33,000	\$33,000	\$33,000	\$33,000
	Fire Department Trucks and Ambular	GF	\$112,500	\$112,500	\$112,500	\$112,500	\$112,500	\$112,500	\$112,500
	Fire Suppression Water Supply	GF	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
	Library Maintenance	GF	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
	Library Emergency	GF	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0
	Parks & Recreation Improvements	GF	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
	Police Department Equipment	GF	\$26,000	\$42,500	\$42,500	\$42,500	\$42,500	\$42,500	\$42,500
	Public Works Equipment	GF	\$192,500	\$217,500	\$217,500	\$217,500	\$217,500	\$217,500	\$217,500
	Water System	GF	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
	Property Revaluation	GF	\$0	\$18,000	\$18,000	\$18,000	\$18,000	\$15,000	\$15,000
	School	SDGF	\$1	\$800,000	\$800,000	\$800,000	\$400,000	\$400,000	\$400,000
Total			\$644,001	\$1,579,500	\$1,579,500	\$1,579,500	\$1,179,500	\$1,176,500	\$1,176,500
Net Tax Impact Per Thousand			\$0.51	\$1.24	\$1.23	\$1.23	\$0.92	\$0.91	\$0.91
Total Tax Impact Per Thousand			\$2.35	\$3.05	\$2.97	\$2.94	\$3.06	\$2.99	\$2.95
Tax Base			1,274,588	1,277,774	1,280,969	1,284,171	1,287,382	1,290,600	1,293,827
Total CIP Tax Impact \$ 200,000.00 Home			\$469.69	\$609.70	\$593.32	\$587.47	\$611.39	\$598.51	\$589.64
Total CIP Tax Impact \$ 350,000.00 Home			\$821.96	\$1,066.98	\$1,038.31	\$1,028.08	\$1,069.94	\$1,047.40	\$1,031.87
Total CIP Tax Impact \$ 500,000.00 Home			\$1,174.22	\$1,524.25	\$1,483.30	\$1,468.68	\$1,528.49	\$1,496.28	\$1,474.10

**Estimated Cost, per thousand, of the Capital Improvements Plan on Tax Rate
For Fiscal Years 2017-2018 thru 2026-2027.**



*The reduction in the 2018-19 Fiscal Year contributions was recommended by the Board of Selectmen and Budget Committee in order to minimize the increase in the tax rate due to the large tax abatement payment to Eversource.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Annual Road PavingDEPARTMENT: Public Works DepartmentEXPENDITURE YEAR: 2020 - 2021

ESTIMATED LIFE: 1 Years

ESTIMATED COST: \$ 550,000

BASE YEAR: 2020

CRF Account: General FundEstimated Inflation Rate: 0.00%

* If Greater Than 20 Years

2020 - 2021 \$ 550,000 (Estimate)

GF \$ 550,000

\$ -

2021 - 2022 \$ 550,000 (Purchase)

\$ -

2022 - 2023 \$ 550,000 (Purchase)

\$ -

2023 - 2024 \$ 550,000 (Purchase)

\$ -

2024 - 2025 \$ 550,000 (Purchase)

\$ -

2025 - 2026 \$ 550,000 (Purchase)

\$ -

2026 - 2027 \$ 550,000 (Purchase)

\$ -

Project Added:

\$ -

Last Edit:

\$ -

\$ 550,000

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

Paving Schedule on next page.

Street Name	Length in Miles	Year Constructed	Year Last Paved	Length in Feet	Total Tons 2 inches	\$80/ ton
Paving 2020- 2024						
Audley Divide	0.42	1984	2004	2217.6	609.84	\$48,787.20
Branch Londonderry TPK East	0.64	1974		3379.2	929.28	\$74,342.40
Buckingham Drive	0.86	1988	2004	4540.8	1248.72	\$99,897.60
Windsor Drive	0.328	1993	1993	1731.84	476.25	\$38,100.48
Blevens Drive	0.155	1973	1998	818.4	225.06	\$18,004.80
Wilson Meadow Road	0.277	2002	2002	1462.56	402.2	\$32,176.32
Arrowhead Drive	0.428	1993	1993	2,259.84	621.46	\$49,716.48
Hooksett TPK(across Clinton st)	0.29	1971	2006	1531.2	421.08	\$33,686.40
Shaw Divide	0.231	2001	2001	1219.68	335.44	\$26,832.96
Paving 2021						
Turee view Drive	0.095	1981	unknown	501.6	139.7.7	\$11,182.30
Page Road	2.292		2006	15,375.36	4228.29	\$338,257.42
	1.8 Miles	Beaver Brook Rd to Whitero		9,600.00	2700	\$220,000.00
Bent Road	0.065	1970		343.2	94.33	\$7,550.40
Eastview Drive	0.22	1969		1161.6	319.44	\$25,555.20
Dow Rd	0.853	1975	2001	4,503.84	1238.55	\$99,084.48
Heather Lane	0.557			2,940	1,114.56	\$65,750.00
River Rd -RR Bridge to Johnson Rd.	0.994	1972	2003	5,250.00	1,463.00	\$117,040.00
						546,161 Total

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Page Rd Culvert Br London TPK WDEPARTMENT: Public Works DepartmentEXPENDITURE YEAR: 2022 - 2023

ESTIMATED LIFE: 50 Years

ESTIMATED COST: \$ 45,900

BASE YEAR: 2020

CRF Account: Bridge Capital ReserveEstimated Inflation Rate: 2.00%

2021 - 2022 \$ 46,800 (Estimate)

2022 - 2023 \$ 47,800 (Purchase)

Project Added:

Last Edit:

FUNDING

CRF	\$	47,800
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	47,800

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

This project is to replace the culvert located on Page Road at Branch Londonderry Turnpike West. The culvert is 5 feet in diameter and 60 feet long. This project will be done in conjunction with the road paving that is scheduled to be done at the same time.

9/2016 - Revised description.

July, 2019 - Project moved to Bridge Capital Reserve

Page 26

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Bow Bog Rd CulvertDEPARTMENT: Public Works DepartmentEXPENDITURE YEAR: 2023 - 2024

ESTIMATED LIFE: 50 Years

ESTIMATED COST: \$ 339,000

BASE YEAR: 2020

CRF Account: Bridge Capital ReserveEstimated Inflation Rate: 2.00%

2021 - 2022 \$ 345,800 (Estimate)

2023 - 2024 \$ 359,800 (Purchase)

Project Added:

Last Edit: 8/15/2020

FUNDING

CRF	\$	359,800
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	359,800

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

Replacement of the drainage culvert near the intersection of Bow Bog Road and Dean Avenue. The replacement culvert will be 5 foot in diameter and 50 feet long. Any culvert over 4 foot in diameter requires that an engineered plan be submitted to NH Department of Services for review and approval.

9/2016 - The Committee moved the project out one year.

July, 2019 - Increase costs and moved to Bridge Capital Reserve.

Sept. 2019 - The project was moved out two years.

Aug. 2020 - The project was moved back one year.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Falcon Way White Rock Rd IntDEPARTMENT: Public Works DepartmentEXPENDITURE YEAR: 2023 - 2024

ESTIMATED LIFE: 50 Years

ESTIMATED COST: \$ 300,000

BASE YEAR: 2020

CRF Account: Bridge and HighwayEstimated Inflation Rate: 2.00%

2021 - 2022 \$ 306,000 (Estimate)

2023 - 2024 \$ 318,400 (Purchase)

Project Added:

Last Edit: 8/15/2020

FUNDING

CRF	\$	318,400
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	318,400

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

May, 2018 - Improvements to turning and traffic flow at this intersection.

July 2019 - Cost estimate increased and project moved out several years.

Aug. 2020 - The project was moved back two years.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: River Road BridgeDEPARTMENT: Public Works DepartmentEXPENDITURE YEAR: 2025 - 2026

ESTIMATED LIFE: 50 Years

ESTIMATED COST: \$ 1,091,300

BASE YEAR: 2020

CRF Account: Bridge and HighwayEstimated Inflation Rate: 2.00%

2021 - 2022 \$ 1,113,100 (Estimate)

2025 - 2026 \$ 1,205,000 (Purchase)

Project Added:

Last Edit:

FUNDING

CRF	\$	1,205,000
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	1,205,000

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

This project involves the design and replacement of the Bow Bog Brook Bridge on River Road. The existing bridge was built in 1950. The Town and NH Department of Transportation are working with the Dubois & King engineering firm on this project.

According to the engineer's investigation and recommendation study, "The bridge is currently in poor condition with moderate rusting at each spring line and connection bolts, significant settlement, and movement to the outlet stone headwall and wing walls and guardrail hit damage throughout."

The total estimated (in 2014) project cost of the recommended alternative for replacement is \$909,300.

The project has been scheduled into the NHDOT Municipal Bridge Aid Program, with funding available in FY2026 (July 1, 2025 to June 30, 2026.) Through the MBAP the Town will be seek reimbursement of 80% of the replacement cost.

9/2016 - The Committee moved the project out to the same year bridge aid is available per State requirments.

July, 2019 - Cost estimates increased

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: *Mixing Shed Construction*DEPARTMENT: *Facilities*EXPENDITURE YEAR: *2021 - 2022*ESTIMATED LIFE: *50* YearsESTIMATED COST: \$ *75,000*BASE YEAR: *2020*CRF Account: *Municipal Buildings and Grounds*Estimated Inflation Rate: *2.00%*

2021 - 2022 \$ 76,500 (Estimate)

2021 - 2022 \$ 76,500 (Purchase)

Project Added:

Last Edit: 7/31/2019

FUNDING

CRF \$ 76,500

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ 76,500

PROJECT DESCRIPTION AND JUSTIFICATION: *(To Enter CR/LF in Comments: Alt-Enter)*

Sept., 2019 - This project was originally part of the Salt Shed Construction project. It was separated in order to spread the costs over multiple years.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Public Works Building Air Conditioning SystemDEPARTMENT: FacilitiesEXPENDITURE YEAR: 2025 - 2026

ESTIMATED LIFE: 20 Years

ESTIMATED COST: \$ 45,900

BASE YEAR: 2020

CRF Account: Municipal Buildings and GroundsEstimated Inflation Rate: 2.00%

2021 - 2022 \$ 46,900 (Estimate)

2025 - 2026 \$ 50,800 (Purchase)

Project Added:

Last Edit: 9/13/2019

FUNDING

CRF	\$	50,800
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	50,800

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

Replacement of the Air Conditioning system at the Public Works building.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Heating System Muni Bldg.DEPARTMENT: FacilitiesEXPENDITURE YEAR: 2026 - 2027

ESTIMATED LIFE: 20 Years

ESTIMATED COST: \$ 45,900

BASE YEAR: 2020

CRF Account: Municipal Buildings and GroundsEstimated Inflation Rate: 2.00%

2021 - 2022 \$ 46,900 (Estimate)

2026 - 2027 \$ 51,800 (Purchase)

Project Added:

Last Edit: 9/13/2019

FUNDING

CRF	\$	51,800
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	51,800

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

Replacement of existing furnace and heating system with a new energy efficient system, including circulation pumps, pipes, registers and radiators. This upgrade will allow the building to be zoned for an even distribution of heat.

Sept., 2016 - The Committee moved the project out two years.

July, 2018 - The Committee revised the cost to \$45,000 for replacement of the boiler.

Sept., 2019 - The Committee deferred project until the same year as the Municipal Office Building Renovation project.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Electrical Upgrade Muni Bldg.DEPARTMENT: FacilitiesEXPENDITURE YEAR: 2026 - 2027

ESTIMATED LIFE: 30 Years

ESTIMATED COST: \$ 86,700

BASE YEAR: 2020

CRF Account: Municipal Buildings and GroundsEstimated Inflation Rate: 2.00%

2021 - 2022	\$	88,500 (Estimate)
2026 - 2027	\$	97,800 (Purchase)

FUNDING

CRF	\$	97,800
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	97,800

Project Added:

Last Edit: 9/13/2019

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

The electrical system at the Municipal Building has been patched, modified and added to over the last number of years. The same telephone and computer wiring and cabling. This includes an upgrade to both systems and the removal of wiring, etc. that is no longer in use.

Sept., 2016 - The Committee moved the project out two years.

Sept., 2019 - The Committee deferred project until the same year as the Municipal Office Building Renovation project.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: *Municipal Building Renovations*

DEPARTMENT: *Facilities*

EXPENDITURE YEAR: *2027 - 2028*

ESTIMATED LIFE: *30* Years

ESTIMATED COST: \$ *1,414,848*

BASE YEAR: *2020*

CRF Account: *Municipal Buildings and Grounds*

Estimated Inflation Rate: *2.00%*

2021 - 2022 \$ 1,443,200 (Estimate)

2027 - 2028 \$ 1,625,300 (Purchase)

FUNDING

CRF \$ *1,625,300*

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ *1,625,300*

Project Added:

Last Edit: 9/13/2019

PROJECT DESCRIPTION AND JUSTIFICATION: *(To Enter CR/LF in Comments: Alt-Enter)*

Reallocation of existing space and complete renovation of the Municipal Office Building based on a space needs study by the H.L. Turner Group.

Oct. 2020 - Total cost is estimated to be \$1,577,448. Costs for Heating System (boiler) Replacement (\$45,900) and Electrical Upgrades (\$86,700) projects already in the CIP have been deducted giving a cost of \$1,414,848.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Property Revaluation

DEPARTMENT: Public Works Department

EXPENDITURE YEAR: 2024 - 2025

ESTIMATED LIFE: 5 Years

ESTIMATED COST: \$ 63,500

BASE YEAR: 2020

CRF Account:

Estimated Inflation Rate: 2.00%

2021 - 2022 \$ 64,800 (Estimate)

2024 - 2025 \$ 68,800 (Purchase)

2029 - 2030 \$ 75,900 (Purchase)

2034 - 2035 \$ 83,800 (Purchase)

CRF \$ 68,800

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ 68,800

Date Added:

Last Edit:

PROJECT DESCRIPTION AND JUSTIFICATION:

(To Enter CR/LF in Comments: Alt-Enter)

July/2020 - The State requires all properties in town to be re-assessed every five years. One quarter of the properties are inspected each of four years. The fifth year the information is analyzed along with recent sales data and property values adjusted to current market value and then certified by the State.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE:	Emergency Generator
----------------	---------------------

DEPARTMENT: Library

EXPENDITURE YEAR: 2023 - 2024

ESTIMATED LIFE: 25 Years

ESTIMATED COST: \$ 32,000

BASE YEAR: 2020

CRF Account: Library

Estimated Inflation Rate: 2.00%

2021 - 2022	\$	32,700 (Estimate)
-------------	----	-------------------

2023 - 2024	\$	34,100	(Purchase)
-------------	----	--------	------------

Project Added:

Last Edit: 8/6/2019

FUNDING

CRF	\$	34,100
-----	----	--------

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$	34.100
----	--------

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

This is being requested to allow the Library to fulfill the need for a shelter within the Bow community, which will allow BHS to function solely as a shelter for the region, since the Library has the space and resources necessary aside from the generator to meet the Bow community's need given the completion of the Lower Level Renovation in March 2017. July, 2018 - The Emergency Management Director recommended this project to potentially be used for events such as a warming/cooling shelter during localized power outages.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Hanson Park Maintenance Building

DEPARTMENT: Parks and Rec / Public Works

EXPENDITURE YEAR: 2021 - 2022

ESTIMATED LIFE: 50 Years

ESTIMATED COST: \$ 95,200

BASE YEAR: 2021

CRF Account: Parks and Recreation Improvements

Estimated Inflation Rate: 2.00%

2021 - 2022 \$ 95,200 (Estimate)

2021 - 2022 \$ 95,200 (Purchase)

FUNDING

CRF \$ 95,200

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ 95,200

Project Added:

Last Edit:

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

The project is the construction of a new 40'X24' structure on a concrete slab . The building will be used for storing fertilizer, tractors & mower in the summer along with all implements and field equipment. This would decrease liability from road travel, decrease travel time, resulting in more efficient use of time. Equipment would be assessable at the fields, where it is needed and all equipment would be under cover when not in use. The life span of the equipment should increase with this new setup.

9/2016 - the Committee moved the project out one year.

May, 2018 - This building will now include a workshop for the Groundskeeper to maintain and repair all of the equipment. Everything will be moved out of the Rescue Building and kept here.

August, 2018 - The Committe deferred this project one year due to the increase in costs and review of the actual utilization of the building.

Sept. 2019 - The Committee revised the cost based on space needs and deferred the project for one year.

Sept. 2020 - The Committee revised the cost based on a quote of \$95,200.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: St Cyr Playground Equip Phase 1

DEPARTMENT: Parks and Rec

EXPENDITURE YEAR: 2024 - 2025

ESTIMATED LIFE: 20 Years

ESTIMATED COST: \$ 35,700

BASE YEAR: 2020

CRF Account: Parks and Recreation Improvements

Estimated Inflation Rate: 2.00%

2021 - 2022 \$ 36,500 (Estimate)

2024 - 2025 \$ 38,800 (Purchase)

Project Added:

Last Edit:

FUNDING

CRF	\$	38,800
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
	\$	38,800

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

All playground equipment is recommended to be replaced after 20 years. Consideration should be taken as to what are the recommended materials and activities at the time of construction. Consideration should also be given to the protective material that is most recommended at the time of replacement. The timing of the replacement will be re-evaluated each year.

10/2016 - The Committee split the project over two years starting in 2022-23.

Sept. 2019 - The Committee move the project out two years.

PROJECT TITLE:	St Cyr Playground Equip Phase 2		
DEPARTMENT:	Parks and Rec		
EXPENDITURE YEAR:	2025 - 2026	ESTIMATED LIFE:	20 Years
		ESTIMATED COST:	\$ 35,700
		BASE YEAR:	2020
CRF Account:	Parks and Recreation Improvements		
Estimated Inflation Rate:	2.00%		
2021 - 2022	\$	36,500	(Estimate)
2025 - 2026	\$	39,600	(Purchase)
FUNDING			
CRF	\$	39,600	
	\$	-	
	\$	-	
	\$	-	
	\$	-	
	\$	-	
	\$	-	
	\$	-	
	\$	-	
	\$	-	
	\$	-	
	\$	39,600	

Project Added:
Last Edit:

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments : Alt-Enter)

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

All playground equipment is recommended to be replaced after 20 years. Consideration should be taken as to what are the recommended materials and activities at the time of construction. Consideration should also be given to the protective material that is most recommended at the time of replacement. The timing of the replacement will be re-evaluated each year.

10/2016 - The Committee split the project over two years starting in 2022-23.

Sept. 2019 - The Committee moved the project out two years.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: Elm School Renovation-HVAC**DEPARTMENT:** SAU**EXPENDITURE YEAR:** 2021 - 2022**ESTIMATED LIFE:** 40 Years**ESTIMATED COST:** \$ 1,371,000**BASE YEAR:** 2021**CRF Account:** HVAC
School District**Estimated Inflation Rate:** 2.00%

FUNDING

2021 - 2022 \$ 1,371,000 (Estimate)

CRF \$ 1,371,000

2021 - 2022 \$ 1,371,000 (Purchase)

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ 1,371,000

Date Added:

Last Edit: 8/7/2020

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

Comprehensive Facility Assessment and Capital Improvement Study was undertaken and completed in January 2012. Back end components at BES are in some cases 30+ years old based on the original building having been constructed in 1979. The Board will need to determine time frame of the project, project delivery methods and also funding of design and engineering work required for the project. There may be a proposal to replace the rooftop air handling units at the March 2021 Annual Meeting to be paid for out of the HVAC and BSD Capital Reserve Funds.

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE: *Municipal Building Renovations*DEPARTMENT: *Facilities*EXPENDITURE YEAR: *2027 - 2028*ESTIMATED LIFE: *30* YearsESTIMATED COST: \$ *1,414,848*BASE YEAR: *2020*CRF Account: *Municipal Buildings and Grounds*Estimated Inflation Rate: *2.00%*

2021 - 2022 \$ 1,443,200 (Estimate)

2027 - 2028 \$ 1,625,300 (Purchase)

FUNDING

CRF \$ 1,625,300

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ 1,625,300

Project Added:

Last Edit: 9/13/2019

PROJECT DESCRIPTION AND JUSTIFICATION: (To Enter CR/LF in Comments: Alt-Enter)

Reallocation of existing space and complete renovation of the Municipal Office Building based on a space needs study by the H.L. Turner Group.

Oct. 2020 - Total cost is estimated to be \$1,577,448. Costs for Heating System (boiler) Replacement (\$45,900) and Electrical Upgrades (\$86,700) projects already in the CIP have been deducted giving a cost of \$1,414,848.

Appendix A: Relevant State Statutes

CHAPTER 674

LOCAL LAND USE PLANNING AND REGULATORY POWERS

Capital Improvements Program

674:5 Authorization. – In a municipality where the planning board has adopted a master plan, the local legislative body may authorize the planning board to prepare and amend a recommended program of municipal capital improvement projects projected over a period of at least 6 years. As an alternative, the legislative body may authorize the governing body of a municipality to appoint a capital improvement program committee, which shall include at least one member of the planning board and may include but not be limited to other members of the planning board, the budget committee, or the town or city governing body, to prepare and amend a recommended program of municipal capital improvement projects projected over a period of at least years. The capital improvements program may encompass major projects being currently undertaken or future projects to be undertaken with federal, state, county and other public funds. The sole purpose and effect of the capital improvements program shall be to aid the mayor or selectmen and the budget committee in their consideration of the annual budget.

Source. 1983, 447:1, eff. Jan. 1, 1984. 2002, 90:1, eff. July 2, 2002.

674:6 Purpose and Description. – The capital improvements program shall classify projects according to the urgency and need for realization and shall recommend a time sequence for their implementation. The program may also contain the estimated cost of each project and indicate probable operating and maintenance costs and probable revenues, if any, as well as existing sources of funds or the need for additional sources of funds for the implementation and operation of each project. The program shall be based on information submitted by the departments and agencies of the municipality and shall take into account public facility needs indicated by the prospective development shown in the master plan of the municipality or as permitted by other municipal land use controls.

Source. 1983, 447:1, eff. Jan. 1, 1984.

674:7 Preparation. –

I. In preparing the capital improvements program, the planning board or the capital improvement program committee shall confer, in a manner deemed appropriate by the board or the committee, with the mayor or the board of selectmen, or the chief fiscal officer, the budget committee, other municipal officials and agencies, the school board or boards, and shall review the recommendations of the master plan in relation to the proposed capital improvements program. II. Whenever the planning board or the capital improvement program committee is authorized and directed to prepare a capital improvements program, every municipal department, authority or agency, and every affected school district board, department or agency, shall, upon request of the planning board or the capital improvement program committee, transmit to the board or committee a statement of all capital projects it proposes to undertake during the term of the program. The planning board or the capital improvement program committee shall study each proposed capital project, and shall advise and make recommendations to the department, authority, agency, or school district board, department or agency, concerning the relation of its project to the capital improvements program being prepared.

Source. 1983, 447:1. 1995, 43:1, eff. July 2, 1995. 2002, 90:2, eff. July 2, 2002.

674:8 Consideration by Mayor and Budget Committee. – Whenever the planning board or the capital improvement program committee has prepared a capital improvements program under RSA 674:7, it shall submit its recommendations for the current year to the mayor or selectmen and the budget committee, if one exists, for consideration as part of the annual budget.

Source. 1983, 447:1, eff. Jan. 1, 1984. 2002, 90:3, eff. July 2, 2002.

Appendix B: Capital Project Request Form

CAPITAL IMPROVEMENT PROJECT SHEET

PROJECT TITLE:

DEPARTMENT:

EXPENDITURE YEAR:

ESTIMATED LIFE: Years

ESTIMATED COST:

BASE YEAR:

CRF Account:

Estimated Inflation Rate:

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

\$ -

Date Added:

Last Edit:

PROJECT DESCRIPTION AND JUSTIFICATION:

(To Enter CR/LF in Comments: Alt-Enter)

Appendix C:
Project
Submission
Materials and
Backup
Information

Appendix C Index

Capital Reserve Funds Purposes	44
Annual Debt Service on Outstanding Town & School Bonds As of June 30, 2020	45
Statement of Property Tax Assessment for 2019.....	46
Bow Property Tax Rates per Thousand 2010 – 2019.....	49
2019 Tax Rate Breakdown by Category.....	50
2019 Comparison of Full Value Tax Rates.....	51
Tow of Bow Actual (1960 – 2010) and Predicted Populations (2010 – 2040).....	59

<u>Fund</u>	<u>Town Meeting/Article</u>	<u>Purpose</u>	<u>Agents To Expend</u>
Cemetery Development	2001/18 and 2003/25	Purchasing land, conceptualizing, designing, and constructing cemeteries or additions to cemeteries.	Town Meeting
Fire Department Equipment	1957/7	Fire Department equipment.	Town Meeting
Fire Trucks	1996/16 and 2009/16	The purchase and replacement of Fire Dept. vehicles with truck chassis including pumper trucks, ladder trucks, tanker trucks, forestry trucks, rescue trucks, and ambulances	Town Meeting
Bridge and Highway Construction	2003/39	Future bridge and highway construction	Town Meeting
Land Purchase	2005/26	Purchasing future land or "other interests in land".	Selectmen
Municipal Buildings and Grounds	2006/15	Municipal buildings and grounds capital maintenance and repair.	Town Meeting
Parks & Recreation Improvements	2015/21	Parks & Recreation Improvements.	Town Meeting
Police Department Equipment	1971/10	Replacing Police Department equipment.	Town Meeting
Highway/Public Works Equipment	1977/9	Purchase of new or replacement of existing highway equipment.	Town Meeting
Bridge and Highway Construction	1999/16, 2002/24 & 2016/11	Bridge and Highway Construction	Town Meeting
Municipal Facilities Emergency Repair	2015/27	Providing funds to address unforeseen emergency or urgent repairs	Selectmen
Sewer System	Oct 9.2008 BOS RSA 35:7 & 149-I:10	Major capital additions, replacements, and improvements to wastewater system, including sewer lines and other infrastructure, pumping stations and other facilities, land and easements, and equipment	Selectmen
Bridge	2009/12	Constructing, replacing, and rehabilitating bridges and culverts which provide water crossings	Selectmen
Community Building	2017/13	Repair, Renovation, Replacement or Removal of Community Bldg.	Town Meeting
Water Capital Replacement/Syste Improvement	2020/14	acquisition, replacement, and upgrade of the municipal water system infrastructure and capital assets	Town Meeting
Fire Suppression Water Supply	2020/19	Repair and replacement of water cisterns used for fire suppression	Selectmen
Bow School District (Elementary/Memorial Schools)	1992	Construction, reconstruction or renovations of Bow Schools	School Meeting
Bow School District (HVAC)	1996		School Meeting
Bow High School Capital Improvements	2000		School Meeting
Bow School District Paving	2006/15	Paving in the Bow School District	School Meeting
Athletic Fields and Facilities	2016/8	Athletic Field and Facility Improvements	School Meeting
Area School Capital Improvements - Dunbarton Fees			School Meeting
<u>Trust Funds</u>			
Library Emergency Repairs		Providing funds to address unforeseen emergency or urgent repairs	Library Trustees

TOWN OF BOW, NH						
ANNUAL DEBT SERVICE ON OUTSTANDING TOWN AND SCHOOL BONDS						
as of June 30, 2019						
Fiscal Year	2007 Hammond	2008 Water/ Sewer	2011 Water/ Sewer	2016 Public Safety Bldg	2006 *Memorial School	Total
2020-21	\$61,531.25	\$128,208.25	\$814,675.00	\$346,689.76	\$258,200.00	\$1,609,304.26
2021-22	\$58,918.75	\$137,820.75	\$795,025.00	\$334,641.76	\$249,400.00	\$1,575,806.26
2022-23	\$56,306.25	\$133,214.50	\$772,100.00	\$322,593.76	\$240,500.00	\$1,524,714.51
2023-24		\$128,539.50	\$741,000.00	\$311,745.76	\$231,500.00	\$1,412,785.26
2024-25		\$123,864.50	\$695,930.00	\$302,097.76	\$222,500.00	\$1,344,392.26
2025-26		\$119,120.75	\$660,395.00	\$291,249.76	\$213,500.00	\$1,284,265.51
2026-27		\$114,308.25	\$653,465.00	\$274,327.26	\$204,500.00	\$1,246,600.51
2027-28		\$110,951.00		\$266,055.26		\$377,006.26
2028-29		\$110,951.00		\$261,308.26		\$372,259.26
2029-30				\$256,414.38		\$256,414.38
2030-31				\$249,170.50		\$249,170.50
2031-32				\$239,723.50		\$239,723.50
	\$176,756.25	\$1,106,978.50	\$5,132,590.00	\$3,456,017.72	\$1,620,100.00	\$11,492,442.47

RSA 33:4-b Debt Limit; Computation. The debt limitations hereinbefore prescribed, except for counties, shall be based upon the applicable last locally assessed valuation of the municipality as last equalized by the commissioner of revenue administration under RSA 21-J:3, XIII and shall include the equalized value of property formerly taxed pursuant to the provisions of RSA 72:7; 72:15, I, V, VII, VIII, IX, X and XI; 72:16; 72:17; 73:26; 73:27 and 73:11 through 16 inclusive, all as amended, which was relieved from taxation by 1970, 5:3, 5:8, and 57:12, as determined under the provisions of RSA 71:11 as amended. Whenever several municipalities possessing the power to incur indebtedness cover or extend over identical territory, each such municipality shall so exercise the power to incur indebtedness of such municipalities **shall not exceed 9.75 percent** of the valuation of the taxable property as hereinbefore determined, except as provided for cooperative school districts under RSA 195:6.

Property Tax Assessments for 2019

The Town of Bow conducted a required revaluation for the 2019 tax year. The last revaluation was completed in 2014. Bow has a total of 3,456 parcels, of which 3,295 were taxable and 161 were tax exempt. The Assessing Department is continuing with the Cycled Inspection process, whereby one-fourth of the town is measured and inspected each year on a rotating basis. The streets and neighborhoods we will be visiting is currently posted on the Town's website. Property owners in the selected area receive notification from the Assessing Department informing them that a data collector will be in their neighborhood at which time the data collector will measure the outside and ask an adult for permission to inspect the interior of the home. In addition, all properties that have had a building permit issued over the last year or that have sold in the last year will also be visited by the Assessing Department to verify the details of the building permit and or the sale.

The annual tax rate applies to your property's assessed value and determines the amount of tax you will pay. The municipal, the local school district, the county, and the state education taxing agencies all contribute to the total tax rate. The following chart compares the tax rates of each agency per \$1,000 of assessed value for the last five years:

YEAR	2019	2018	2017	2016	2015
Town of Bow	\$7.11	\$8.09	\$7.58	\$6.27	\$6.71
Bow School District	\$14.70	\$14.56	\$15.00	\$14.97	\$16.48
State Education	\$1.86	\$2.17	\$2.19	\$2.22	\$2.38
County	\$2.54	\$2.96	\$3.00	\$2.83	\$2.97
TOTAL RATE	\$26.21	\$27.78	\$27.77	\$26.29	\$28.54

Bow offers various property tax exemptions and credits to eligible residents, including veterans, elderly, blind, and disabled, as well as for solar and central wood heating systems. The deadline for these applications is April 15th.

The Veterans' Tax Credit allocations in Bow were as follows for 2019:

Standard Veteran's Tax Credit of \$500 (309)	\$154,000*
Permanently Disabled Veteran's Credit of \$4,000**(15)	\$60,000
Surviving Spouse of Service member Killed of \$2,000 (2)	\$4,000
Total Amount of Veterans Credits	\$218,000

*Some recipients receive partial credits.

** This credit amount was increased at Town Vote in March 2019 from \$2,000 to \$4,000

The following is the official summary of inventory in Bow of all real estate which was used to calculate the 2019 tax rate:

Residential Land	\$274,313,352
Commercial/Industrial Land	\$62,979,150
Discretionary Preservation Easement Land	\$2,700
Current Use Land	\$366,991
Total of Taxable Land	\$337,662,193

Residential Buildings	\$695,663,841
Commercial/Industrial	\$149,126,925
Discretionary Preservation Easement Buildings	\$91,500
Total of Taxable Buildings	\$844,882,266

Public Utilities	\$111,978,705
Other Utilities (private water companies)	\$79,300
Total of Utilities	\$112,058,005

Total Valuation (Before exemptions)	\$1,294,602,464
Less Improvements to Assessing the Disabled (2)	\$84,549
Modified Assessed Valuation	\$1,294,517,915

(This is used to calculate the total equalized value)

Total Exemptions in Bow for 2019:

Blind Exemption (2)	\$150,000
Elderly Exemption (39)	\$6,054,300
Disabled Exemption (5)	\$715,000
Wood-Heating Exemption (9)	\$21,800
Solar Energy Exemption (8)	\$245,500
Total Amount of Exemptions	\$7,186,600

In 2018, our equalization ratio (the equalization ratio measures the level of assessment and equity for each municipality), as determined by the Department of Revenue Administration was at 87.9%. The 2019 revaluation restored equity in the assessment roles and reestablished the equalization ratio to an estimated 98%. Had no revaluation been done in 2019, the ratio would have dropped to 82%. Based on these statistics, the real estate market continues to be robust in Bow with a market increase of approximately 6% from the end of 2018 to the end of 2019.

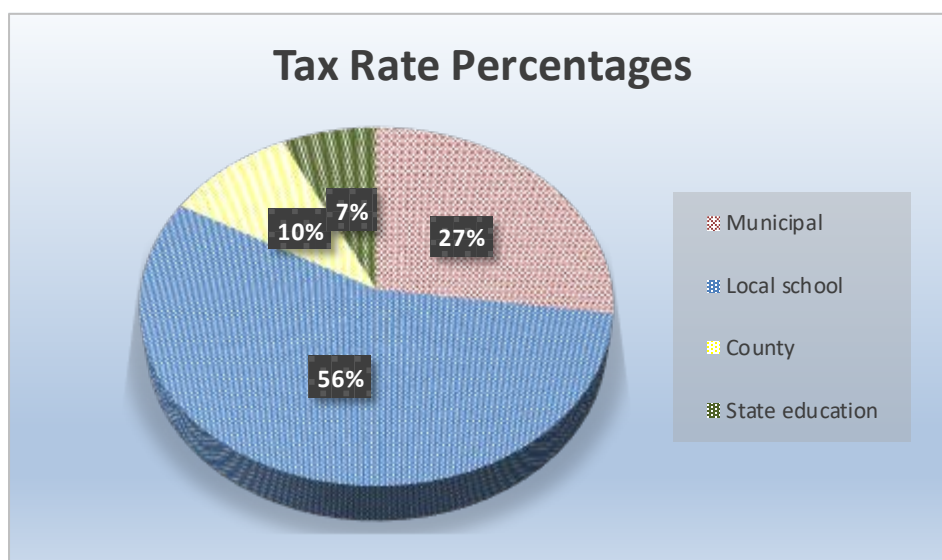
Information about the revaluation process can be accessed on the Assessing Department web page at www.bownh.gov.

Property Type	# of Sales	Median Size	Median 2019 Sale Price
Single Family	124	2085	\$351,000
Condominium	13	1732	\$346,533

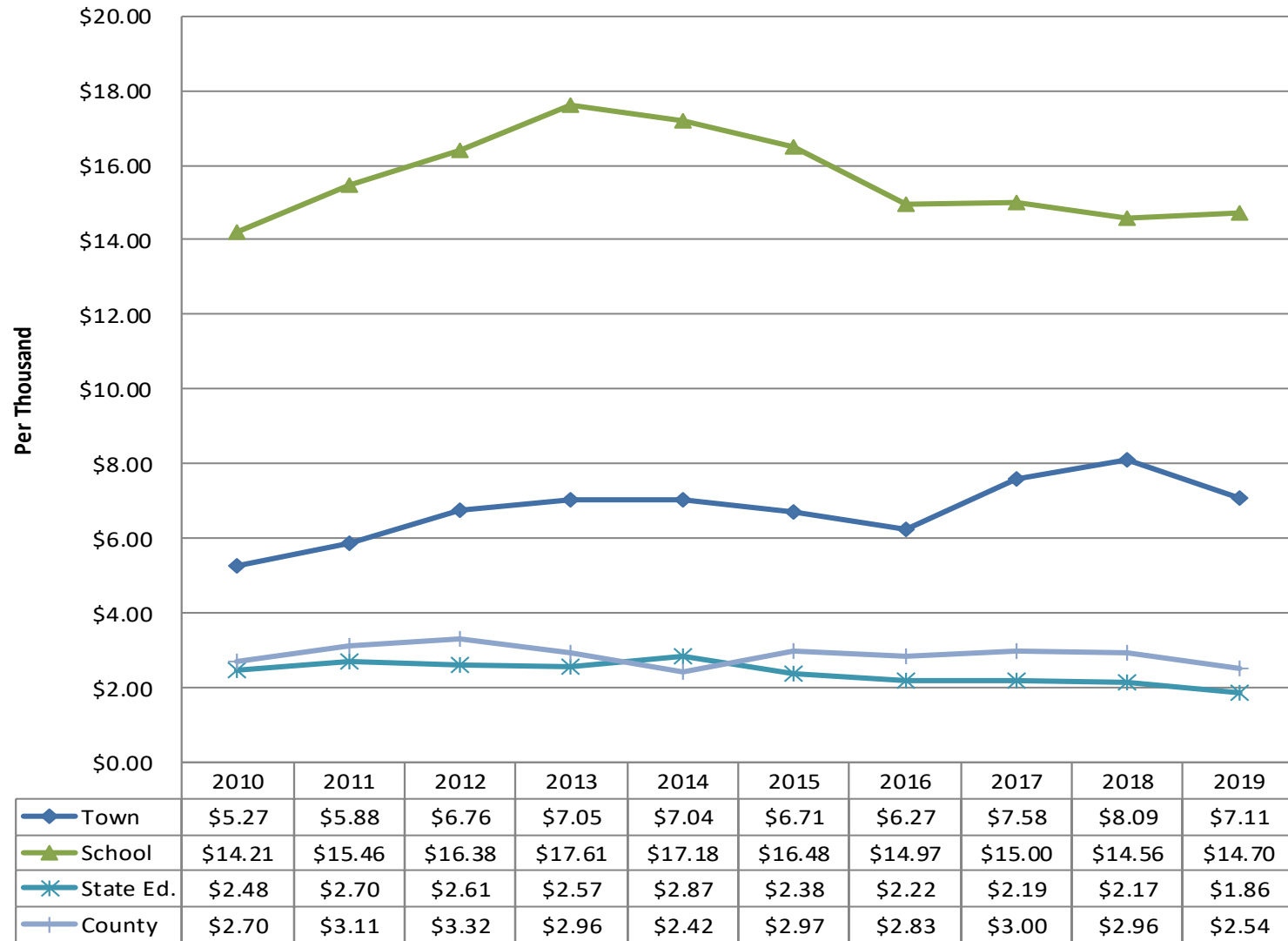
If you believe your assessment is not in line with the equalized market value, or if there is a data error on your property record, the deadline to file an abatement with the Town is March 1st. Applications are available at www.bownh.gov. Town online maps and property record cards are available at www.axisgis.com/BowNH. If you have a question, or you need to obtain the most current, official property information, please contact the Assessing Office at 223-3975, or email the assessor at mhurley@bownh.gov.

Respectfully Submitted

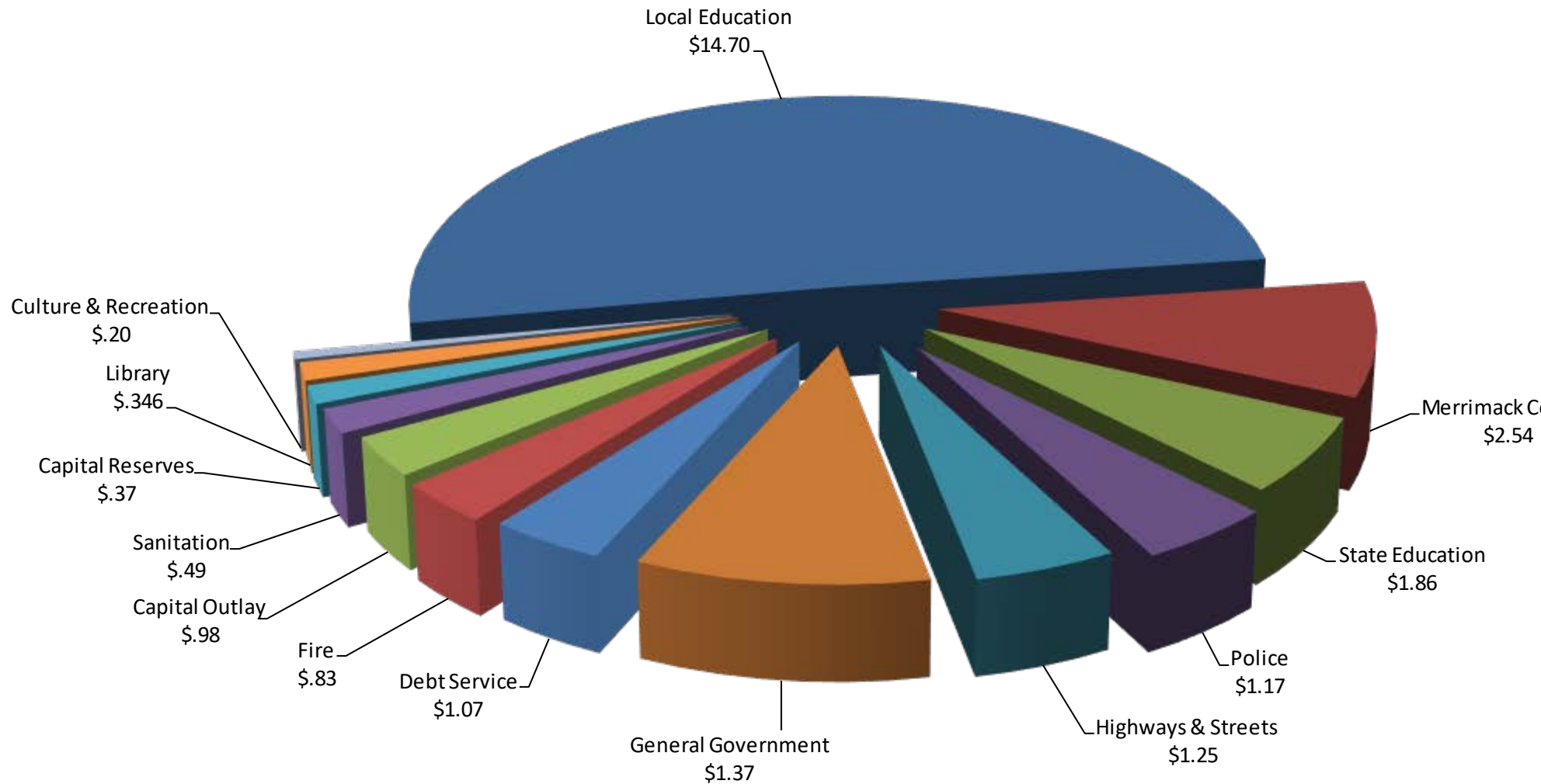
Monica Hurley, Certified New Hampshire Assessor, Corcoran Consulting Associates
Janette Shuman, Community Development Coordinator



Bow Property Tax Rate Per Thousand



HOW EACH TAX DOLLAR WAS SPENT IN 2019



NH Department of Revenue Administration Report on Full Value Tax Rates

2019 COMPARISON OF FULL VALUE TAX RATES

The full value tax rate represents the estimated tax rate for a municipality if all the taxable property was assessed at 100% and includes the equalized value of properties for which a payment in lieu of property taxes is made.

The full value tax rate is calculated as follows: The 2019 gross local property taxes to be raised as reported by the Department of Revenue Administration, Municipal & Property Division divided by the total equalized valuation including utility values and equalized railroad taxes.

The full value rates are ranked in ascending order from lowest to highest (1-266 for 2019). If two municipalities have the same full value tax rate they are ranked with the same number. The unincorporated towns (signified by N/A) have no 2019 tax rate, and thus are not ranked.

The full value tax rate can only be used to make a limited comparison of what a property in one municipality would pay for taxes to a property of equal value in another municipality.

For example:	Town A	$\frac{100,000 \times 21.95}{1000} =$	\$2,195.00
	Town B	$\frac{100,000 \times 26.56}{1000} =$	\$2,656.00

Prior to making any assumptions or decisions regarding a property owner's tax burden in a municipality, other factors should be considered such as real estate values, municipal services, schools, community make-up, and locational factors including proximity to urban areas, medical facilities, highways, recreation areas, etc.

Complete report can be found at:

<https://www.revenue.nh.gov/mun-prop/property/equalization-2019/index.htm>

2019 COMPARISON OF FULL VALUE TAX RATES RANKING
 PREPARED BY NEW HAMPSHIRE DEPARTMENT OF REVENUE ADMINISTRATION

Municipality	2019 VALUATION		COMPARATIVE TAX RATES AND RANKINGS			
	Modified Local Assessed Valuation	Total Equalized Valuation Including Utilities and Railroad	2019 Local Tax Rate	2019 Equalization Ratio	Full Value Tax Rate	Ranking*
Acworth	98,628,456	101,467,749	29.07	97.2	28.15	213
Albany	115,818,686	123,473,485	13.97	94.8	13.04	32
Alexandria	198,167,051	239,230,769	24.04	82.9	19.64	103
Allenstown	297,490,196	336,900,978	31.10	88.4	27.21	206
Alstead	163,278,593	187,072,434	27.85	87.3	24.24	175
Alton	1,752,952,350	1,983,379,465	12.51	88.4	11.03	23
Amherst	1,747,592,420	2,070,803,455	26.96	84.4	22.57	150
Andover	304,208,590	311,035,725	21.64	97.8	20.95	122
Antrim	249,335,950	284,199,452	26.97	89.4	23.52	166
Ashland	247,207,364	259,646,463	27.95	96.0	26.53	198
Atkinson & Gilmanton	818,373	905,340	0.00	86.5	0.00	N/A
Atkinson	1,004,519,575	1,198,704,778	17.67	83.8	14.69	49
Auburn	863,385,428	954,081,692	18.81	92.2	16.93	64
Barnstead	601,557,018	629,786,763	22.83	95.5	21.72	134
Barrington	1,150,530,325	1,189,359,362	22.67	96.8	21.68	131
Bartlett	1,065,028,740	1,249,472,584	9.34	85.3	7.94	13
Bath	125,214,976	140,835,195	21.40	95.0	18.72	90
Bean's Grant	0	0	0.00	86.5	0.00	N/A
Bean's Purchase	0	0	0.00	86.5	0.00	N/A
Bedford	4,095,806,840	4,325,031,946	18.95	94.7	17.72	74
Belmont	743,222,782	830,378,752	25.01	89.6	22.17	141
Bennington	127,277,077	130,016,520	28.93	97.9	28.13	212
Benton	25,499,534	27,823,571	17.67	94.0	16.10	56
Berlin	412,225,868	504,908,695	39.82	89.5	31.77	222
Bethlehem	261,286,660	297,616,229	26.73	88.2	23.29	164
Boscawen	288,929,864	305,646,694	28.12	95.9	26.44	197
Bow	1,294,517,915	1,318,298,872	26.21	98.2	25.18	186
Bradford	201,269,972	253,020,904	27.91	79.5	22.10	138
Brentwood	582,474,006	702,593,087	27.70	82.9	22.84	156
Bridgewater	350,939,300	425,913,059	9.76	82.4	8.00	15
Bristol	471,534,473	572,979,062	22.80	82.5	18.65	87
Brookfield	124,312,043	120,021,096	16.70	103.6	17.26	67
Brookline	667,344,153	701,697,513	29.87	95.1	28.09	211
Cambridge	9,092,072	10,406,181	0.00	86.5	0.00	N/A
Campton	436,002,836	443,000,880	23.21	98.6	22.63	152
Canaan	348,470,142	412,306,281	32.93	84.5	27.48	207
Candia	513,604,108	537,788,721	18.60	95.5	17.55	72
Canterbury	263,980,723	324,226,271	27.87	81.5	22.53	149
Carroll	329,433,801	384,957,932	20.00	85.9	17.06	65
Center Harbor	434,767,397	513,395,718	15.22	84.7	12.87	31
Chandler's Purchase	41,121	47,538	0.00	86.5	0.00	N/A
Charlestown	282,982,237	332,698,928	39.11	85.2	32.98	223
Chatham	59,500,049	61,052,758	14.20	98.8	13.80	40
Chester	724,050,973	775,987,379	20.80	93.3	18.94	94

2019 COMPARISON OF FULL VALUE TAX RATES RANKING
 PREPARED BY NEW HAMPSHIRE DEPARTMENT OF REVENUE ADMINISTRATION

Municipality	2019 VALUATION		COMPARATIVE TAX RATES AND RANKINGS			
	Modified Local Assessed Valuation	Total Equalized Valuation Including Utilities and Railroad	2019 Local Tax Rate	2019 Equalization Ratio	Full Value Tax Rate	Ranking*
Chesterfield	521,216,633	609,693,938	22.32	85.7	19.02	96
Chichester	323,112,390	345,889,885	23.40	93.4	21.70	133
Claremont	767,744,816	787,774,620	40.26	97.8	38.20	226
Clarksville	41,957,835	54,018,655	15.55	82.8	12.01	29
Colebrook	187,543,968	191,334,527	30.13	98.0	29.34	218
Columbia	86,095,164	108,213,586	18.92	79.5	14.53	48
Concord	4,433,101,874	4,607,017,330	27.78	96.9	26.66	201
Conway	1,747,261,353	1,855,949,037	17.32	94.2	16.20	57
Cornish	197,184,183	200,222,307	19.52	98.7	19.12	97
Crawford's Purchase	230,072	265,979	0.00	86.5	0.00	N/A
Croydon	91,293,462	99,733,307	19.56	91.5	17.83	75
Cutt's Grant	0	0	0.00	86.5	0.00	N/A
Dalton	83,139,661	106,232,726	23.86	83.9	18.53	85
Danbury	111,391,938	136,681,078	24.00	81.4	19.48	102
Danville	410,510,859	488,117,330	28.06	84.1	23.31	165
Deerfield	588,306,891	728,984,215	23.11	80.7	18.34	83
Deering	186,237,910	227,381,255	30.62	81.9	24.56	177
Derry	3,273,854,150	3,677,968,779	26.12	89.1	22.76	154
Dix's Grant	1,003,919	1,121,552	0.00	86.5	0.00	N/A
Dixville	7,969,989	31,885,049	7.92	86.5	1.96	2
Dorchester	44,960,312	44,381,080	20.88	101.4	21.06	124
Dover	3,701,359,340	3,965,170,464	25.19	93.5	22.97	159
Dublin	273,073,580	267,826,093	24.63	102.6	24.96	185
Dummer	99,082,905	89,435,771	14.16	99.9	14.30	45
Dunbarton	315,735,653	423,324,487	27.21	75.2	20.15	108
Durham	1,208,806,787	1,312,883,720	27.43	92.8	24.93	183
East Kingston	396,414,793	404,522,164	22.52	98.0	21.96	136
Easton	64,135,162	76,485,099	12.99	84.3	10.86	21
Eaton	113,400,155	114,476,882	12.05	99.1	11.92	28
Effingham	167,519,944	198,500,825	26.90	84.4	22.62	151
Ellsworth	13,708,347	17,392,748	20.64	80.5	16.22	58
Enfield	596,772,695	627,474,167	25.05	95.1	23.11	161
Epping	728,317,500	965,201,474	27.70	75.8	20.71	119
Epsom	435,271,081	515,468,565	27.09	84.6	22.76	154
Errol	88,834,525	89,076,350	13.43	101.6	13.15	34
Erving's Location	51,387	52,867	0.00	86.5	0.00	N/A
Exeter	2,250,035,117	2,418,717,653	23.27	93.1	20.89	120
Farmington	565,856,662	569,969,136	22.24	99.6	21.69	132
Fitzwilliam	294,598,130	308,170,103	26.49	95.6	24.82	179
Francestown	216,883,875	221,062,592	24.17	98.1	23.64	169
Franconia	288,323,046	332,217,273	18.98	87.0	16.41	60
Franklin	692,746,471	727,398,400	22.47	95.5	20.92	121
Freedom	495,480,054	604,201,127	13.56	82.0	11.10	24
Fremont	412,248,368	557,038,486	31.05	74.0	22.87	157

2019 COMPARISON OF FULL VALUE TAX RATES RANKING
 PREPARED BY NEW HAMPSHIRE DEPARTMENT OF REVENUE ADMINISTRATION

Municipality	2019 VALUATION		COMPARATIVE TAX RATES AND RANKINGS			
	Modified Local Assessed Valuation	Total Equalized Valuation Including Utilities and Railroad	2019 Local Tax Rate	2019 Equalization Ratio	Full Value Tax Rate	Ranking*
Gilford	2,034,027,240	2,127,633,134	15.86	95.7	15.14	52
Gilmanton	540,927,875	546,461,031	22.79	99.0	22.43	146
Gilsum	70,932,123	69,551,007	28.01	102.0	28.45	214
Goffstown	1,726,526,400	1,929,008,574	24.58	89.5	21.72	134
Gorham	272,793,185	295,653,777	33.77	92.4	30.58	221
Goshen	72,865,087	81,192,807	27.88	89.7	24.94	184
Grafton	117,663,108	138,317,565	31.77	85.0	26.93	203
Grantham	469,595,533	555,710,225	25.86	84.5	21.78	135
Greenfield	168,900,207	178,972,295	27.27	99.8	25.63	190
Greenland	864,588,999	954,307,897	16.40	90.6	14.76	50
Green's Grant	7,886,494	9,185,126	5.25	86.5	4.50	7
Greenville	116,590,681	119,406,870	27.39	98.9	26.60	199
Groton	81,894,309	131,229,195	16.83	96.9	10.14	20
Hadley's Purchase	0	0	0.00	86.5	0.00	N/A
Hale's Location	75,828,600	81,050,972	4.18	93.6	3.90	6
Hampstead	1,338,558,889	1,390,644,090	20.99	96.4	20.04	106
Hampton	3,793,066,700	4,057,698,779	16.01	93.9	14.79	51
Hampton Falls	488,908,644	549,417,101	22.11	89.1	19.48	102
Hancock	250,355,841	282,972,606	24.60	89.1	21.69	132
Hanover	2,286,110,080	2,525,982,954	18.45	90.6	16.68	63
Harrisville	206,669,695	219,299,435	17.40	94.3	16.38	59
Hart's Location	16,816,271	19,315,395	4.00	88.6	3.45	5
Haverhill	346,334,871	384,640,648	30.30	90.1	27.08	204
Hebron	264,874,060	320,159,924	9.69	84.3	7.98	14
Henniker	407,955,887	493,668,123	35.34	83.2	28.68	217
Hill	93,049,183	97,555,735	25.41	97.0	24.16	174
Hillsborough	522,122,031	600,220,539	31.56	87.0	27.19	205
Hinsdale	338,832,842	402,362,648	34.07	84.2	27.95	210
Holderness	756,914,454	859,052,706	13.17	88.1	11.56	26
Hollis	1,370,754,864	1,554,092,744	23.10	88.2	20.22	112
Hooksett	2,069,214,564	2,466,340,975	21.55	83.9	17.64	73
Hopkinton	786,955,671	817,155,489	29.12	97.9	27.62	208
Hudson	3,165,897,567	3,610,615,802	20.28	87.7	17.49	70
Jackson	460,108,729	475,735,649	11.26	96.9	10.87	22
Jaffrey	428,291,780	536,749,754	34.80	79.8	26.64	200
Jefferson	129,256,071	149,239,396	21.99	87.0	18.87	93
Keene	1,862,926,070	1,992,795,421	37.60	95.0	34.17	225
Kensington	394,890,436	415,210,258	19.46	95.1	18.27	80
Kilkenny	11,199	12,947	0.00	86.5	0.00	N/A
Kingston	849,085,329	916,941,662	22.00	92.6	20.18	109
Laconia	2,286,284,164	2,555,416,889	20.59	90.2	18.06	77
Lancaster	276,020,642	298,621,783	24.90	93.4	22.88	158
Landaff	50,720,789	56,289,603	22.47	90.2	20.19	110
Langdon	57,445,871	61,442,357	27.80	93.5	25.83	192

2019 COMPARISON OF FULL VALUE TAX RATES RANKING
 PREPARED BY NEW HAMPSHIRE DEPARTMENT OF REVENUE ADMINISTRATION

Municipality	2019 VALUATION		COMPARATIVE TAX RATES AND RANKINGS			
	Modified Local Assessed Valuation	Total Equalized Valuation Including Utilities and Railroad	2019 Local Tax Rate	2019 Equalization Ratio	Full Value Tax Rate	Ranking*
Lebanon	1,924,729,556	2,514,260,093	30.37	79.0	23.07	160
Lee	466,894,155	603,422,994	31.49	77.4	23.89	171
Lempster	110,335,129	156,269,040	27.31	88.4	19.19	98
Lincoln	851,531,664	1,040,831,599	14.58	82.0	11.86	27
Lisbon	118,207,984	120,471,035	30.67	98.1	29.92	220
Litchfield	918,017,317	1,115,576,791	23.65	82.4	19.29	100
Littleton	645,224,898	922,401,875	23.10	91.4	15.89	54
Livermore	136,600	136,600	0.00	100.0	0.00	N/A
Londonderry	4,670,184,650	4,816,326,189	19.39	97.7	18.39	84
Loudon	572,045,229	693,320,024	22.98	83.1	18.77	91
Low & Burbank's Grant	0	0	0.00	86.5	0.00	N/A
Lyman	59,655,524	75,898,375	24.13	78.4	18.86	92
Lyme	355,058,800	377,098,674	27.19	94.2	25.18	186
Lyndeborough	169,559,380	219,318,875	29.14	77.2	22.45	147
Madbury	247,076,568	294,845,323	29.86	83.8	24.67	178
Madison	486,062,946	601,827,914	18.26	80.9	14.69	49
Manchester	9,250,663,613	11,750,583,030	24.32	79.0	18.86	92
Marlborough	175,634,358	208,635,961	31.47	84.5	26.44	197
Marlow	65,176,460	74,531,472	31.92	87.5	27.73	209
Martin's Location	210,718	243,605	0.00	86.5	0.00	N/A
Mason	156,353,288	184,383,606	26.24	84.8	22.16	140
Meredith	1,959,831,924	2,335,103,686	15.89	84.3	13.30	35
Merrimack	3,482,841,238	4,097,905,748	24.13	85.0	20.26	114
Middleton	184,392,082	200,824,040	26.28	91.8	24.04	173
Milan	127,851,379	140,248,853	23.69	91.3	21.18	126
Milford	1,609,567,432	1,790,063,077	25.97	90.0	23.19	163
Millsfield	8,939,653	94,828,130	7.13	86.5	0.67	1
Milton	493,984,746	511,927,925	23.56	96.6	22.49	148
Monroe	440,960,126	472,062,380	11.34	93.4	9.07	18
Mont Vernon	311,583,244	317,931,355	25.82	98.0	25.21	187
Moultonborough	3,378,763,912	3,610,712,814	7.15	93.7	6.67	11
Nashua	10,454,581,767	11,880,404,376	21.76	88.0	18.69	89
Nelson	124,541,062	129,804,578	17.25	96.1	16.47	62
New Boston	672,562,782	751,423,402	25.05	89.5	22.23	143
New Castle	732,102,223	802,742,782	6.19	91.2	5.64	8
New Durham	417,902,198	541,924,712	23.72	77.1	18.21	78
New Hampton	334,352,402	361,939,285	19.24	92.7	17.52	71
New Ipswich	478,737,830	490,479,298	21.73	97.6	21.06	124
New London	1,249,778,651	1,321,078,870	14.71	94.6	13.88	42
Newbury	752,603,611	913,248,475	15.88	82.6	13.07	33
Newfields	302,132,457	291,658,003	20.59	103.6	21.08	125
Newington	1,064,343,323	1,073,222,127	9.34	99.4	8.32	16
Newmarket	983,825,628	1,071,729,412	24.26	91.9	22.11	139
Newport	437,053,279	477,089,001	32.53	92.2	29.46	219

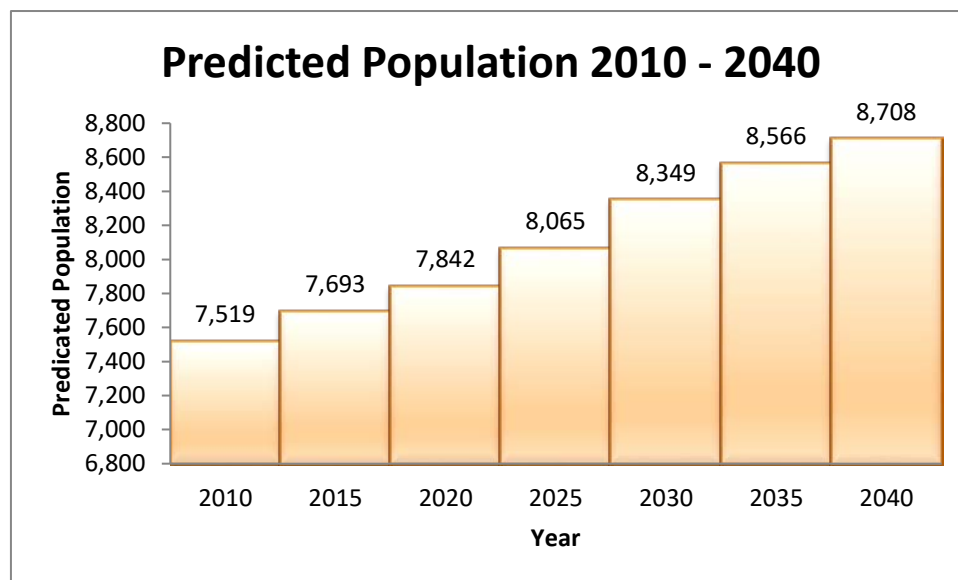
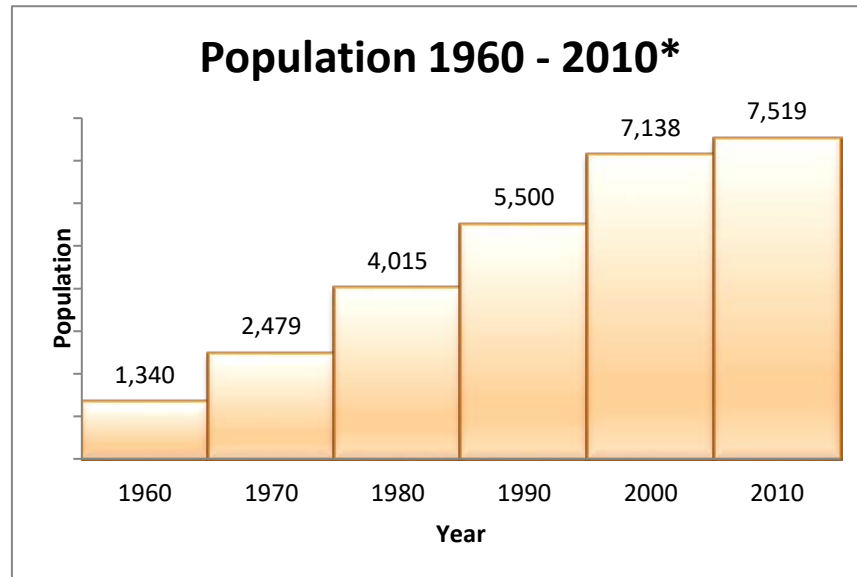
2019 COMPARISON OF FULL VALUE TAX RATES RANKING
 PREPARED BY NEW HAMPSHIRE DEPARTMENT OF REVENUE ADMINISTRATION

Municipality	2019 VALUATION		COMPARATIVE TAX RATES AND RANKINGS			
	Modified Local Assessed Valuation	Total Equalized Valuation Including Utilities and Railroad	2019 Local Tax Rate	2019 Equalization Ratio	Full Value Tax Rate	Ranking*
Newton	514,618,068	624,554,035	26.38	82.4	21.56	130
North Hampton	1,199,745,350	1,290,053,186	16.70	93.0	15.39	53
Northfield	350,585,432	400,800,928	23.80	88.2	20.20	111
Northumberland	128,212,155	141,725,905	32.44	91.3	28.59	215
Northwood	488,223,889	616,971,708	22.52	79.2	17.55	72
Nottingham	632,340,550	766,623,927	22.50	82.5	18.29	82
Odell	2,265,573	3,162,927	3.16	86.5	2.26	3
Orange	32,793,535	34,076,367	26.60	96.7	25.45	189
Orford	137,342,151	159,875,158	29.98	86.0	25.71	191
Ossipee	775,433,608	813,747,945	17.11	95.3	16.20	57
Pelham	1,981,194,460	2,045,901,922	19.40	96.9	18.68	88
Pembroke	762,260,478	782,812,532	23.58	97.6	22.88	158
Peterborough	734,135,996	798,193,602	29.75	92.4	26.11	194
Piermont	97,137,103	101,179,064	26.50	96.1	25.34	188
Pinkham's Grant	2,934,826	4,790,247	11.51	86.5	6.93	12
Pittsburg	290,151,481	330,355,095	16.00	88.9	13.98	43
Pittsfield	267,351,692	332,793,723	32.86	80.4	26.08	193
Plainfield	307,682,486	316,793,849	26.00	97.1	24.89	182
Plaistow	1,192,542,632	1,233,269,910	21.31	96.7	20.37	117
Plymouth	481,301,108	543,400,586	28.19	88.9	24.84	180
Portsmouth	6,170,543,376	6,784,387,454	14.86	91.9	13.43	37
Randolph	71,499,816	72,086,669	14.80	101.6	14.50	47
Raymond	954,638,228	1,192,260,746	26.59	80.1	20.97	123
Richmond	101,083,354	109,449,935	24.19	92.3	22.22	142
Rindge	557,397,684	699,949,144	27.76	79.7	21.56	130
Rochester	2,724,627,077	2,799,860,390	24.90	99.0	23.54	167
Rollinsford	296,506,401	328,393,844	22.61	90.3	20.31	116
Roxbury	24,549,554	27,075,016	25.28	102.8	22.80	155
Rumney	197,319,432	207,141,801	22.94	95.4	21.69	132
Rye	2,160,877,300	2,536,438,251	10.22	85.3	8.68	17
Salem	4,609,602,481	5,758,775,055	21.98	80.1	17.49	70
Salisbury	151,123,465	174,084,412	23.14	88.0	19.77	104
Sanbornton	530,893,265	547,089,540	19.22	97.2	18.59	86
Sandown	672,840,480	773,362,993	26.96	87.0	23.11	161
Sandwich	445,469,605	455,266,261	14.23	98.0	13.86	41
Sargent's Purchase	1,888,530	2,183,272	0.00	86.5	0.00	N/A
Seabrook	2,765,266,650	3,005,723,286	15.75	92.0	13.61	39
Second College Grant	1,404,232	1,532,212	0.00	86.5	0.00	N/A
Sharon	55,603,218	54,220,065	22.12	102.6	22.66	153
Shelburne	78,679,336	72,185,265	15.44	110.0	16.04	55
Somersworth	1,072,392,754	1,104,489,258	27.28	97.6	26.33	196
South Hampton	170,647,498	173,048,136	17.85	98.6	17.32	68
Springfield	209,877,588	228,723,540	21.99	91.9	20.07	107
Stark	76,792,216	77,949,264	18.07	99.6	17.36	69

2019 COMPARISON OF FULL VALUE TAX RATES RANKING
 PREPARED BY NEW HAMPSHIRE DEPARTMENT OF REVENUE ADMINISTRATION

	2019 VALUATION		COMPARATIVE TAX RATES AND RANKINGS			
Municipality	Modified Local Assessed Valuation	Total Equalized Valuation Including Utilities and Railroad	2019 Local Tax Rate	2019 Equalization Ratio	Full Value Tax Rate	Ranking*
Stewartstown	109,759,414	114,254,372	23.58	96.1	22.25	144
Stoddard	293,377,810	304,330,945	15.10	96.4	14.48	46
Strafford	486,299,912	633,104,739	23.47	76.8	17.98	76
Stratford	76,552,940	86,110,748	25.74	89.4	22.04	137
Stratham	1,554,473,230	1,576,544,944	18.63	98.6	18.28	81
Success	12,189,520	14,617,082	7.37	86.5	6.14	9
Sugar Hill	163,260,383	170,215,201	20.07	95.9	19.20	99
Sullivan	61,764,198	63,917,243	22.25	96.6	21.30	128
Sunapee	1,247,623,517	1,490,567,633	15.93	83.7	13.31	36
Surry	82,603,585	90,631,569	28.92	93.1	26.28	195
Sutton	260,615,209	326,916,115	30.09	79.7	23.90	172
Swansey	632,164,073	645,072,520	25.76	98.3	24.85	181
Tamworth	403,614,473	406,377,067	21.54	100.8	21.23	127
Temple	161,539,440	162,526,923	22.58	99.4	22.39	145
Thompson & Meserve's Purchase	5,368,605	6,576,326	3.54	86.5	2.89	4
Thornton	434,303,432	426,229,460	18.68	102.0	18.96	95
Tilton	622,860,167	627,480,886	19.61	99.3	19.31	101
Troy	131,567,897	148,789,944	26.95	88.4	23.61	168
Tuftonboro	1,202,661,808	1,202,255,928	10.11	100.1	10.09	19
Unity	134,002,697	132,951,189	28.49	100.8	28.61	216
Wakefield	1,121,726,317	1,212,936,197	12.47	92.6	11.50	25
Walpole	430,508,720	447,528,044	25.51	101.2	24.40	176
Warner	289,899,995	321,137,565	29.96	90.5	26.77	202
Warren	82,857,248	90,183,308	23.77	92.4	21.41	129
Washington	240,719,059	274,182,746	20.84	87.8	18.25	79
Waterville Valley	331,659,495	333,107,638	14.14	99.9	14.06	44
Weare	882,151,530	1,024,030,694	23.71	86.3	20.23	113
Webster	238,626,256	255,611,034	21.96	93.9	20.27	115
Wentworth	96,958,781	112,853,640	23.22	86.0	19.79	105
Wentworth's Location	7,615,785	8,780,135	7.70	86.5	6.65	10
Westmoreland	166,208,847	187,446,446	26.85	88.6	23.77	170
Whitefield	234,960,541	241,597,817	24.04	98.2	23.17	162
Wilmot	181,542,372	217,657,297	24.49	83.4	20.38	118
Wilton	378,137,917	469,251,678	29.04	80.6	23.31	165
Winchester	276,269,908	293,582,055	35.64	94.6	33.22	224
Windham	2,404,862,820	3,127,881,124	22.55	76.9	17.24	66
Windsor	28,425,939	26,733,715	11.81	110.6	12.50	30
Wolfeboro	2,003,412,225	2,326,208,167	15.84	86.2	13.60	38
Woodstock	231,248,614	303,290,184	21.69	76.7	16.45	61
State Totals	184,906,688,606	207,887,398,996				

Actual and Predicted Population 1960 -2030



*US Census Bureau, Decennial Census

**NH Office of Strategic Initiatives, Fall, 2016

END OF REPORT