TOWN OF BILLERICA

ANNUAL SPRING TOWN MEETING

Annual Spring Town Meeting
Tuesday, May 7, 2019 at 7:00 PM

At

Billerica Town Hall Auditorium

Table of Contents

Part I

Glossary of Town Meeting Terms

GLOSSARY OF TOWN MEETING TERMS

APPROPRIATION: An authorization by Town Meeting to make obligations and payments from the Treasury for a specific purpose.

ASSESSED VALUATION: The value set on real or personal property by the Board of Assessors as a basis for establishing the tax rate.

CAPITAL BUDGET: A multi-year plan of spending for large capital items requested by Town Departments. Most of these items are voted on individually as warrant articles.

CERTIFIED PROJECT: Agreement between the Town and a given business, negotiated by the Town Manager and approved by Town Meeting, to allow a business to take advantage of state and local tax incentives.

CHERRY SHEET: A form from the Mass. Department of Revenue showing all the State charges and reimbursements to the Town as certified for the following year.

COMMERCIAL DISTRICT: As described in Section 9.5 of the Zoning By-Laws, Summary Dimensional Table, having a minimum lot size of 25,000 square feet.

CONTRACT SERVICES: Services provided to any department or board by a contractor outside of Town Government, paid for through a line item in department budget.

DEBT SERVICE: Payment of interest and principle to holders of the Town's debt instrument.

ECONOMIC OPPORTUNITY AREA: Cities and towns, designated by the Legislature, allowed to offer state and local tax incentives to encourage the use of unoccupied and/or the expansion of existing industrial/commercial businesses.

ECONOMIC TARGET AREA: Specific industrial/ commercial areas, chosen by a city or town with E.O.A. designation, as areas in which application for certified projects will be accepted.

FISCAL YEAR: A 12-month period, commencing July 1st, to, which the annual budget applies. The monies appropriated at the Spring Town Meeting are for the ensuing "fiscal year" beginning July 1st.

FREE CASH: Free cash is neither free nor cash. This is a dollar value, usually certified by the State in late summer, that represents unspent and unencumbered income and receivables from the previous year. Once certified, this money may be spent by appropriation at a Town Meeting for any lawful purpose.

GENERAL FUND: The major Town fund created with town receipts and tax revenue from which the majority of town expenses are met.

OPERATING BUDGET: A plan of proposed spending and the means of paying for it in the next fiscal year. It is the Town's projection on what it will cost to operate.

OVERLAY (Overlay Reserve or Reserve for Abatements and Exemptions): An account established annually to fund anticipated property tax abatements and exemptions in that year. The overlay reserve is not established by the normal appropriation process, but rather is raised on the tax rate recapitulation sheet.

STABILIZATION ACCOUNT: A "rainy day" fund set aside to meet future capital expenses in the town (example: a fire engine, or for any lawful municipal purpose.). To spend from this fund there must be an appropriation by a 2/3 vote of Town Meeting.

GENERAL BUSINESS DISTRICT: As described in section 9.5 of the Zoning By-Laws, Summary Dimensional Table, having a minimum lot size of 25,000 sq. ft.

INDUSTRIAL DISTRICT: As described in section 9.5 of the Zoning By-Laws, Summary Dimensional Table, having a minimum lot size of 60,000 sq. ft.

NEIGHBORHOOD RESIDENTIAL DISTRICT: As described in section 9.5 of the Zoning By-Laws, Summary Dimensional Table, having a minimum lot size of 40,000 sq. ft.

VILLAGE RESIDENTIAL DISTRICT: As described in section 9.5 of the Zoning By-Laws, Summary Dimensional Table, having a minimum lot size of 30,000 sq. ft.

RURAL RESIDENTIAL DISTRICT: As described in section 9.5 of the Zoning By-Laws, Summary Dimensional Table, having a minimum lot size of 50,000 sq. ft.

SPECIAL TOWN MEETING: There may be instances where the Selectman may deem it necessary to hold a Special Town Meeting. This meeting is usually for a specific purpose, (i.e.: emergency funding needed for a specific project). Once called, anyone wishing to add articles to the Special Town Meeting Warrant may do so.

Part II

Finance Committee Report and Recommendations
on Annual Spring Town Meeting Warrant and
Fiscal Year 2020 Budget

FINANCE COMMITTEE REPORT
TO TOWN MEETING
SPRING 2019

On behalf of the Finance Committee I wish to welcome all veteran and newly elected Town Meeting Representatives to the 2019 Annual Spring Town Meeting. The primary function of the Finance Committee is to provide Town Meeting with objective and well-informed financial recommendations on the Budget and all Warrant Articles, in an effort to assist Town Meeting in its deliberations. As Town Meeting Representatives, you are responsible for making the final decisions.

The Committee has met with the Town Manager, Superintendent of Schools, the Interim Superintendent of the Shawsheen Valley Technical High School, Town Department Heads, as well as the petitioners of all Warrant Articles, and has made a thorough review of all the information made available to it.

The Committee strives to ensure that the Town is providing the needed and requested services residents have come to expect. The Committee continues to support sound financial planning that includes funding recurring expenses with recurring revenue and non-recurring expenses and capital purchases with non-recurring revenue. The Committee continues to support the Five Year capital budget and long term capital planning, as well as the funding of the Debt Stabilization Account to mitigate all yearly debt that exceeds the $9 million annual budgeted debt ceiling.

The FY20 Budget represents a 1.95% increase to the Town side and a 4.40% increase on the School side. The increase in the School Department budget is up from 1.67% in FY 19 due largely to the settling of collective bargaining agreements not reflected in the FY19 Budget. The Shawsheen Tech Budget represents a $660,000 or 6.1% decrease from FY19 due largely to a reduction in enrollment.

Funding for the Sewer Expansion Program, the Roadway Improvement Program and Town and School Maintenance Programs continues as well as an increase in OPEB funding. Some adjustments have also been in the area of personnel on both the Town and School sides. These adjustments came either through attrition or reassignment to other positions to provide better and needed service in those areas, particularly on the School side, given the reconfiguration of grades brought about by the new High School.
I am pleased to report that once again this year the Town will not be taxing to the maximum allowed under Proposition 2 ½. This year's budget reflects just under $16 million dollars in excess levy capacity. The Finance Committee continues to encourage a high level of fiscal restraint, but also warns that there are certain areas in the budget that require more attention than we may currently be giving them. As a result, we may need to address some of those areas by using some of this excess levy capacity in the near future.

State aid this year has remained stable, but given the continued increases in uncontrollable costs such as health insurance, Pension Costs and State assessments, it has once again been a significant challenge to maintain a level service budget along with a high level of fiscal restraint.

The FY 20 Budget reflects the adjustments needed to provide not only a balanced budget, but one that continues to provide the citizens of the Town with the services they require. The Town Manager and School Superintendent plan on continuing to analyze our reporting methods and provide additional initiatives in the future. As always we caution that future adjustments to the budget or the budgeting process may be necessary depending on how the economy performs.

I would like to thank the members of the Finance Committee for their time, support and commitment in preparing for this Spring Town Meeting.

Respectfully submitted,

David Gagliardi - Chairman

Part III

Annual Spring Town Meeting Warrant
Including Budget Summary

Article Number	Purpose	Value	Funding Source	Submitted by:	Finance Committee Recommendation
1	To Set Compensation of Elected Officials			Finance Committee	Recommends
2	To Hear Reports of Town Departments, Committees & Officers			Town Manager; authorized by BOS	Recommends

Financial Articles

Article Number	Purpose	Value	Funding Source	Submitted by:	Finance Committee Recommendation
3	To Transfer Funds Between 2019 Budget Line Items	$50,000	Transfer from Available Funds	Town Manager; authorized by BOS	Recommends
4	To Fund Collective Bargaining Agreement – IAFF Firefighters for FY 2017-2019	$750,000	Transfer from Free Cash	Town Manager; authorized by BOS	Recommends
5	To Fund Collective Bargaining Agreement – NEPBA Police Officers – Group (A) Patrolmen for FY 2017-2019	$412,500	Transfer from Free Cash	Town Manager; authorized by BOS	Recommends
6	To Fund Collective Bargaining Agreement – NEPBA Police Officers – Group (B) Superior Officers for FY 2017-2019	$337,500	Transfer from Free Cash	Town Manager; authorized by BOS	Recommends
7	To Fund Collective Bargaining Agreement - Teachers	$740,000	Transfer from Overlay Surplus	School Committee	Recommends
8	To Fund Collective Bargaining Agreement – School Paraprofessionals	$60,000	Transfer from Overlay Surplus	School Committee	Reserves Recommendation
9	To Fund Collective Bargaining Agreement – School Secretarial		Raise & Appropriate or Transfer/Available Funds	School Committee	Reserves Recommendation
10	To Fund Collective Bargaining Agreement – School Custodians		Raise & Appropriate or Transfer/Available Funds	School Committee	Reserves Recommendation
11	To Fund Collective Bargaining Agreement – BMEA DPW Workers	$115,000	Raise & Appropriate	Town Manager; authorized by BOS	Reserves Recommendation
12	To Fund Collective Bargaining Agreement – NEPBA Police Civilian Dispatchers		Raise & Appropriate or Transfer/Available Funds	Town Manager; authorized by BOS	Reserves Recommendation
13	To Fund Collective Bargaining Agreement – NEPBA Police Officers – Group (A) Patrolmen		Raise & Appropriate or Transfer/Available Funds	Town Manager; authorized by BOS	Reserves Recommendation
14	To Fund Collective Bargaining Agreement – NEPBA Police Officers – Group (B) Superior Officers		Raise & Appropriate or Transfer/Available Funds	Town Manager; authorized by BOS	Reserves Recommendation
15	To Fund Collective Bargaining Agreement – IAFF Firefighters	$162,000	Raise & Appropriate	Town Manager; authorized by BOS	Recommends
16	To Fund Collective Bargaining Agreement – IAFF Civilian Fire Alarm Operators	$6,400	Raise & Appropriate	Town Manager; authorized by BOS	Recommends
17	To Fund Collective Bargaining Agreement – SEIU Local 888 Administrative Unit	$83,000	Raise & Appropriate	Town Manager; authorized by BOS	Recommends
18	To Fund Collective Bargaining Agreement – IAEP Police EMT's and Paramedics		Raise & Appropriate or Transfer/Available Funds	Town Manager; authorized by BOS	Reserves Recommendation
19	To Fund Collective Bargaining Agreement – IUPE Clerical Unit	$58,000	Raise & Appropriate	Town Manager; authorized by BOS	Recommends
20	To Fund Salary Adjustments for Town Non-Union Personnel	$85,000	Raise & Appropriate	Town Manager; authorized by BOS	Recommends

Article Number	Purpose	Value	Funding Source	Submitted by:	Finance Committee Recommendation
21	Fiscal Year 2020 Town and School Budget	$153,934,721	Raise & Appropriate / Available Funds	BOS, Town Manager and Finance Committee	Recommends
22	Fiscal Year 2020 Water Enterprise Budget	$6,276,034	Raise & Appropriate / Available Funds	Town Manager; authorized by BOS	Recommends
23	Fiscal Year 2020 Sewer Enterprise Budget	$8,641,118	Raise & Appropriate / Available Funds	Town Manager; authorized by BOS	Recommends
24	Fiscal Year 2020 Community Preservation Committee Recommendations	$314,057	Appropriate or Reserve from Community Preservation Fund	Community Preservation Committee	Recommends
25	To Allow the Town Manager and Finance Committee to Transfer Funds			Finance Committee	Recommends
26	To Authorize Departmental Revolving Funds			Town Manager; authorized by BOS and School Committee	Recommends
27	To Fund Wastewater Plant Improvements	$9,005,000	Borrowing	Town Manager; authorized by BOS	Recommends
28	To Fund Water Plant Improvements	$10,025,400	Borrowing	Town Manager; authorized by BOS	Recommends
29	To Fund the Purchase of Equipment for the Department of Public Works	$510,000	Transfer & Appropriate / Available Funds	Town Manager; authorized by BOS	Recommends
30	To Fund Sewer Inflow Infiltration	$237,000	Transfer & Appropriate / Available Funds	Town Manager; authorized by BOS	Recommends
31	To Authorize Lease/Purchase Agreements			Town Manager; authorized by BOS	Recommends
32	To Fund Town Capital Budgets from Previous Town Meeting Articles	$325,000	Transfer & Appropriate / Available Funds	Town Manager; authorized by BOS	Recommends
33	To Fund Appraisal and Consulting Costs to Defend the Town in Trials at the Massachusetts Appellate Tax Board	$189,429.39	Transfer from Overlay Surplus	Town Manager; authorized by BOS	Recommends
34	To Rescind Borrowing Authorizations			Town Manager; authorized by BOS	Recommends
35	To Establish a Revenue Account (PEG Access and Cable Related Fund)			Town Manager; authorized by BOS	Recommends
36	To Install LED Streetlights	$1,000,000	Borrowing	Town Manager; authorized by BOS	Recommends
37	To Approve a Certified Project Application Submitted by EMD Serono			Town Manager; authorized by BOS	Recommends

Zoning By-Laws

38	To Amend Zoning By-Laws to Add PUD District	This Article has been Withdrawn			
39	Proposed Zoning Map Changes to Add PUD Overlay District	This Article has been Withdrawn			
40	Proposed Zoning Map Changes to Add PUD Overlay District			Town Manager; authorized by BOS	Recommends

Article Number	Purpose	Value	Funding Source	Submitted by:	Finance Committee Recommendation

Local Acceptance of State Statutes

41	To Accept M.G.L. Chapter 138, Section 12B Operation of Premises Licensed to Sell Alcoholic Beverages; Nudity			Town Manager; authorized by BOS	Recommends

Easements

42	To Acquire a Permanent Easement for Public Sidewalk Purposes at 464 Middlesex Turnpike			Town Manager; authorized by BOS	Recommends
43	To Accept and/or Amend Existing Easements Related to the Middlesex Turnpike Project	This Article has been Withdrawn			

Resolution

44	To Establish a Policy Framework for Reporting Opioid-Related Substance Overdose Statistics and Issuance of Emergency Public Advisory Warnings			Substance Abuse Prevention Committee	Recommends

Petitioners Articles

45	Petitioners Article – Overdose Action Alert			Petitioner Article	Recommends
46	Petitioners Article – Plastic Bag Reduction Regulation			Petitioner Article	Recommends
47	Petitioners Article – All Alcohol Package Store License for Nilkanth Store			Petitioner Article	Recommends

WARRANT
2019 ANNUAL SPRING TOWN MEETING

Middlesex, ss.
To Any Constable in the Town of Billerica

Greetings,

You are hereby authorized and requested to notify and warn the inhabitants of said Town of Billerica qualified by law to vote in Elections and Town Affairs, to meet at the Maurice A. Buck Memorial Auditorium, Town Hall, 365 Boston Road, Billerica, MA on Tuesday, May 7, 2019 at 7:00 PM and subsequent Thursdays and Tuesdays until all of the business in the Warrant shall have been acted upon, then and there to vote on the following articles:

ARTICLE 1 - TO SET COMPENSATION OF ELECTED OFFICIALS

To see if the Town will vote to fix the compensation of the following six elected officers of the Town and determine any salary increase that shall become effective July 1, 2019; or act in relation thereto.

Selectmen, Chairman - $2,000
Selectmen, Members - $1,800
Town Clerk - $108,507.10; or act in relation thereto.

Submitted by the Finance Committee

Finance Committee recommends approval.

Article 1 Explanation: In accordance with M.G.L. Chapter 41, Section 108, the salary and compensation of all elected officials shall be fixed annually by a vote of Town Meeting.

ARTICLE 2 - TO HEAR REPORTS OF TOWN DEPARTMENTS, COMMITTEES & OFFICERS

To see if the Town will vote to hear and act upon the reports of Town Departments, Committees and Officers; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 2 Explanation: In accordance with M.G.L. Chapter 40, Section 49, this article allows Town Meeting to hear and act upon reports submitted in the FY 2018 Annual Town Report.

ARTICLE 3 - TO TRANSFER FUNDS BETWEEN 2019 BUDGET LINE ITEMS

To see if the Town will vote to transfer from available funds the sum of $50,000 to amend various Fiscal Year 2019 budget line items; or act in relation thereto.

From:	21010-5110	Police Personnel	$25,000
	22010-5110	Fire Personnel	$25,000
To:	12370-7051	Police / Fire Medical	$50,000

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 3 Explanation: This article is an annual article submitted to transfer money between line items to ensure that all line items are fully funded for the current fiscal year. Due to a high number of acute injuries in the Police and Fire Departments there is a greater need 111F funding.

ARTICLE 4 - TO FUND COLLECTIVE BARGAINING AGREEMENT - IAFF FIREFIGHTERS FOR FISCAL YEARS 2017-2019

To see if the Town will vote to transfer and appropriate from Free Cash the sum of $750,000 to fund the first, second and third year cost items contained in the successor Collective Bargaining Agreement between the Town and IAFF Firefighters (International Association of Firefighters) which has a term of July 1, 2017 through June 30, 2019; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 4 Explanation: This article seeks to fund a Collective Bargaining Agreement between the Town and IAFF Firefighters (International Association of Firefighters) which has a term of July 1, 2017 through June 30, 2019. The changes in this contract included a Cost of Living Adjustment (COLA) of 2% for FY2017, 2% for FY2018 and 2% for FY2019. It also included a 3% increase for captains that function as shift commanders and a 3% increase for fire fighters assigned to the rescue. Finally, as part of the reorganization the steps were changed.

ARTICLE 5 - TO FUND COLLECTIVE BARGAINING AGREEMENT - NEPBA POLICE OFFICERS - GROUP (A) PATROLMEN FOR FISCAL YEARS 2017-2019

To see if the Town will vote to transfer and appropriate from Free Cash the sum $412,500 to fund the first, second and third year cost items contained in the successor

Collective Bargaining Agreement between the Town and the NEPBA (New England Police Benevolent Association, Inc.) Group (A) Patrolmen which has a term of July 1, 2017 through June 30, 2019; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 5 Explanation: This article seeks to fund a Collective Bargaining Agreement between the Town and the NEPBA (New England Police Benevolent Association, Inc.) Group (A) Patrolmen which has a term of July 1, 2017 through June 30, 2019. The only change in this contract was a Cost of Living Adjustment (COLA) of 2% for FY2017, 2% for FY2018 and 2% for FY2019.

ARTICLE 6 - TO FUND COLLECTIVE BARGAINING AGREEMENT - NEPBA POLICE OFFICERS - GROUP (B) SUPERIOR OFFICERS FOR FISCAL YEARS 2017-2019

To see if the Town will vote to transfer and appropriate from Free Cash the sum $337,500 to fund the first, second and third year cost items contained in the successor Collective Bargaining Agreement between the Town and NEPBA (New England Police Benevolent Association, Inc.) Group (B) Superior Officers which has a term of July 1, 2016 through June 30, 2019; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 6 Explanation: This article seeks to fund a Collective Bargaining Agreement between the Town and NEPBA (New England Police Benevolent Association, Inc.) Group (B) Superior Officers which has a term of July 1, 2017 through June 30, 2019. The only change in this contract was a Cost of Living Adjustment (COLA) of 2% for FY2017, 2% for FY2018 and 2% for FY2019.

ARTICLE 7 - TO FUND COLLECTIVE BARGAINING AGREEMENT - TEACHERS

To see if the Town will vote to transfer and appropriate from Overlay Surplus the sum of $740,000 to fund the first year cost items contained in the successor Collective Bargaining Agreement between the Town of Billerica School Committee and the Billerica Federation of Teachers, Local 1677, MFT, AFT, AFL-CIO which has a term of August 26, 2018 through August 25, 2021; or act in relation thereto.

Submitted by the School Committee

Finance Committee recommends approval.

Article 7 Explanation: This article seeks to fund a Collective Bargaining Agreement between the Town of Billerica School Committee and the Billerica Federation of Teachers, Local 1677, MFT, AFT, AFL-CIO.

ARTICLE 8 - TO FUND COLLECTIVE BARGAINING AGREEMENT – SCHOOL PARAPROFESSIONALS

To see if the Town will vote to transfer and appropriate from Overlay Surplus the sum of $60,000 to fund the first year cost items contained in the successor Collective Bargaining Agreement between the Town of Billerica School Committee and the Billerica Federation of Teachers, Local 1677, MFT, AFT, AFL-CIO, Paraprofessionals which has a term of August 26, 2018 through August 25, 2021; or act in relation thereto.

Submitted by the School Committee

Finance Committee has not yet made final recommendation.

Article 8 Explanation: This article seeks to fund a Collective Bargaining Agreement between the Town of Billerica School Committee and the Billerica Federation of Teachers, Local 1677, MFT, AFT, AFL-CIO, Paraprofessionals.

ARTICLE 9 - TO FUND COLLECTIVE BARGAINING AGREEMENT – SCHOOL SECRETARIAL

To see if the Town will raise and appropriate or transfer from available funds a sum of money to fund the first year cost items contained in the successor Collective Bargaining Agreement between the Town of Billerica School Committee and the American Federation of State, County and Municipal Employees, AFL-CIO, Council 93, Local 2747, Secretarial Employees; or act in relation thereto.

Submitted by the School Committee

Finance Committee has not yet made final recommendation.

Article 9 Explanation: At the time of printing, there was no Collective Bargaining Agreement.

ARTICLE 10 - TO FUND COLLECTIVE BARGAINING AGREEMENT – SCHOOL CUSTODIANS

To see if the Town will raise and appropriate or transfer from available funds a sum of money to fund the first year cost items contained in the successor Collective Bargaining Agreement between the Town of Billerica School Committee and the American Federation of State, County and Municipal

Employees, AFL-CIO, Council 93, Local 2747, Custodial Employees; or act in relation thereto.

Submitted by the School Committee

Finance Committee has not yet made final recommendation.

Article 10 Explanation: At the time of printing, there was no Collective Bargaining Agreement.

ARTICLE 11 - TO FUND COLLECTIVE BARGAINING AGREEMENT - BMEA DPW WORKERS

To see if the Town will vote to raise and appropriate the sum of $115,000 to fund the first year cost items contained in the successor Collective Bargaining Agreement between the Town and BMEA DPW Workers (Billerica Municipal Employees Association) which has a term of July 1, 2019 through June 30, 2022; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee has not yet made final recommendation.

Article 11 Explanation: This is a one-year Cost of Living Adjustment (COLA) in the amount of 2.3%. This will require the Town to raise and appropriate $115,000. The COLAs for FY2021 and FY2022 are $2.3% and 2.3%.

ARTICLE 12 - TO FUND COLLECTIVE BARGAINING AGREEMENT - NEPBA POLICE CIVILIAN DISPATCHERS

To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money to fund the first year cost items contained in the successor Collective Bargaining Agreement between the Town and NEPBA Police Civilian Dispatchers (New England Police Benevolent Association, Inc.) which has a term of July 1, 2019 through June 30, 2022; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee has not yet made final recommendation.

Article 12 Explanation: At the time of printing, there was no Collective Bargaining Agreement.

ARTICLE 13 - TO FUND COLLECTIVE BARGAINING AGREEMENT - NEPBA POLICE OFFICERS - GROUP (A) PATROLMEN

To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money to fund the first year cost items contained in the successor Collective Bargaining Agreement between the Town and the NEPBA (New England Police

Benevolent Association, Inc.) Group (A) Patrolmen which has a term of July 1, 2019 through June 30, 2022; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee has not yet made final recommendation.

Article 13 Explanation: At the time of printing, there was no Collective Bargaining Agreement.

ARTICLE 14 - TO FUND COLLECTIVE BARGAINING AGREEMENT - NEPBA POLICE OFFICERS - GROUP (B) SUPERIOR OFFICERS

To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money to fund the first year cost items contained in the successor Collective Bargaining Agreement between the Town and NEPBA (New England Police Benevolent Association, Inc.) Group (B) Superior Officers which has a term of July 1, 2019 through June 30, 2022; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee has not yet made final recommendation.

Article 14 Explanation: At the time of printing, there was no Collective Bargaining Agreement.

ARTICLE 15 - TO FUND COLLECTIVE BARGAINING AGREEMENT - IAFF FIREFIGHTERS

To see if the Town will vote to raise and appropriate the sum of $162,000 to fund the cost items contained in the successor Collective Bargaining Agreement between the Town and IAFF Firefighters (International Association of Firefighters) which has a term of July 1, 2019 through June 30, 2020; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 15 Explanation: This is a one-year Cost of Living Adjustment in the amount of 2.8%. This will require the Town to raise and appropriate $162,000. This is the same percentage increase received by Social Security Income Recipients.

ARTICLE 16 - TO FUND COLLECTIVE BARGAINING AGREEMENT – IAFF CIVILIAN FIRE ALARM OPERATORS

To see if the Town will vote to raise and appropriate the sum of $6,400 to fund the cost items contained in the successor Collective Bargaining Agreement between the Town and IAFF Civilian Fire Alarm Operators (International Association of Firefighters) which has a term of July 1, 2019 through June 30, 2020; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 16 Explanation: This is a one-year Cost of Living Adjustment in the amount of 2.8%. This will require the Town to raise and appropriate $6,400. This is the same percentage increase received by Social Security Income Recipients.

ARTICLE 17 - TO FUND COLLECTIVE BARGAINING AGREEMENT – SEIU LOCAL 888 ADMINISTRATIVE UNIT

To see if the Town will vote to raise and appropriate the sum of $83,000 to fund the cost items contained in the successor Collective Bargaining Agreement between the Town and SEIU Local 888 Administrative Unit (Service Employees International Union) which has a term of July 1, 2019 through June 30, 2020; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 17 Explanation: This is a one-year Cost of Living Adjustment in the amount of 2.8%. This will require the Town to raise and appropriate $83,000. This is the same percentage increase received by Social Security Income Recipients.

ARTICLE 18 - TO FUND COLLECTIVE BARGAINING AGREEMENT – IAEP POLICE EMT'S AND PARAMEDICS

To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money to fund the first year cost items contained in the successor Collective Bargaining Agreement between the Town and IAEP Police EMT's and Paramedics (International Association of EMT's and Paramedics) which has a term of July 1, 2019 through June 30, 2022; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee has not yet made final recommendation.

Article 18 Explanation: At the time of printing, there was no Collective Bargaining Agreement.

ARTICLE 19 - TO FUND COLLECTIVE BARGAINING AGREEMENT – IUPE CLERICAL UNIT

To see if the Town will vote to raise and appropriate the sum of $58,000 to fund the cost items contained in the successor Collective Bargaining Agreement between the Town and IUPE Clerical Unit (Independent Union of Public Employees) which has a term of July 1, 2019 through June 30, 2020; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 19 Explanation: This is a one-year Cost of Living Adjustment in the amount of 2.8%. This will require the Town to raise and appropriate $58,000. This is the same percentage increase received by Social Security Income Recipients.

ARTICLE 20 - TO FUND SALARY ADJUSTMENTS FOR TOWN NON-UNION PERSONNEL

To see if the Town will vote to raise and appropriate the sum of $85,000 for Fiscal Year 2020 costs associated with salary adjustments for Town Non-Union Personnel which has a term of July 1, 2019 through June 30, 2020; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 20 Explanation: This is a one-year Cost of Living Adjustment in the amount of 2.8%. This will require the Town to raise and appropriate $85,000. This is the same percentage increase received by Social Security Income Recipients.

ARTICLE 21 - FISCAL YEAR 2020 TOWN AND SCHOOL BUDGET

To see if the Town will vote to adopt, pursuant to Article 5 of the Billerica Home Rule Charter, the following proposed line item budget for fiscal year beginning July 1, 2019 and ending June 30, 2020. It is anticipated that $77,422 will be transferred from the Hallenborg Rink Fund to fund a portion of the Debt Service Budget.

This budget was produced under the direction of the Board of Selectmen and represents a complete financial plan of all Town funds and activities that are subject to appropriation, including the budget as requested by the School Committee (Department Account #300-5100 - #300-5800) and provisions for a Reserve Fund (Account #13170-7063) administered by the Finance Committee.

The line item budget is arranged to show the actual expenditures for the current year and the proposed budget for the ensuing fiscal year. It is summarized by Town agency, function and/or program including any proposed capital expenditures. The Town Manager's detailed budget and all explanatory information are available to the Town Meeting Representatives and the general public for inspection in the Town Manager's Office, the Public Library and the Town Clerk's Office.

The following budget, when considered by the Town Meeting shall first be subject to amendment, if any, as may be proposed by the Finance Committee; or act in relation thereto.

Town of Billerica Budget Detail FY2020 Page 1		EXPENDED FY2016	EXPENDED FY2017	EXPENDED FY2018	BUDGETED FY2019	DEPT REQ FY2020	TOWN MGR FY2020	FIN COM FY2020
122 - Board of Selectmen								
5110	Personnel	77,755	74,438	72,978	76,225	78,737	78,737	78,737
5190	Contractual Obligations	3,500	4,000	3,898	4,000	4,000	4,000	4,000
5400	Supplies & Expenses	1,000	8,000	5,937	8,000	8,000	8,000	8,000
5200	Contract Services/Leases	7,389	900	1,400	1,500	1,500	1,500	1,500
7044	Assessments and Dues	11,301	18,569	23,545	23,545	23,545	23,545	23,545
5800	Capital Outlay			-	-	-	-	-
	TOTAL	**100,945**	**105,907**	**107,758**	**113,270**	**115,782**	**115,782**	**115,782**
123 - Town Manager								
5110	Personnel	496,681	511,626	533,830	562,733	592,694	592,694	592,694
5120	Permanent Part Time	51,392	51,754	53,306	55,047	57,038	57,038	57,038
5130	Overtime	-	-	-	-	-	-	-
5190	Contractual Obligations	$8,153	$26,783	$11,370	$8,260	$8,260	$8,260	$8,260
5400	Supplies & Expenses	32,388	24,968	28,243	38,400	28,400	28,400	28,400
5200	Contract Services/Leases	1,400	8,174	-	28,000	25,000	25,000	25,000
7037	Comm. Plan./Proj./Tech. Asst.	5,000	3,158	2,649	5,000	5,000	5,000	5,000
7050	Pensions	475	475	475	475	475	475	475
7051	Emp. Medical Exams	69,906	85,000	84,107	85,000	85,000	85,000	85,000
7053	Prof. Training/Development	2,506	5,059	9,423	15,500	15,500	15,500	15,500
7061	Pr. Town Rep./TM Handouts	11,606	13,268	-	15,000	10,000	10,000	10,000
7064	Contract Retro	-	-	15,000	-	-	-	-
7094	Assessment Center	-	-	15,227	14,000	-	-	-
7095	Substance Abuse Program	-	-	20,000	20,000	20,000	20,000	20,000
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**679,507**	**730,265**	**773,630**	**847,415**	**847,366**	**847,366**	**847,366**
125 - Systems Admin.								
5110	Personnel	87,150	88,432	97,999	104,346	108,507	108,507	108,507
5190	Contractual Obligations	-	-	783	783	783	783	783
5400	Supplies & Expenses	8,827	8,130	9,993	10,000	25,000	25,000	25,000
5200	Contract Services/Leases	386,129	389,218	385,728	392,754	421,300	421,300	421,300
5800	Capital Outlay							
	TOTAL	**482,107**	**485,780**	**494,503**	**507,883**	**555,590**	**555,590**	**555,590**
129 - Cable Advisory Committee								
5400	Supplies & Expenses			5,000	5,000	5,000	5,000	5,000
	TOTAL			**5,000**	**5,000**	**5,000**	**5,000**	**5,000**
131 - Finance Committee								
5120	Permanent Part Time	1,000	-	834	1,000	1,000	1,000	1,000
5400	Supplies & Expenses	-	-	-	-	-	-	-
5200	Contract Services/Leases	433	1,082	1,197	1,600	1,600	1,600	1,600
7063	Reserve Fund	-	-	-	84,520	84,520	84,520	84,520
	TOTAL	**1,433**	**1,082**	**2,031**	**87,120**	**87,120**	**87,120**	**87,120**
135 - Town Accountant								
5110	Personnel	217,679	217,679	225,912	231,316	231,316	231,316	231,316
5190	Contractual Obligations	7,805	8,405	8,464	9,264	10,010	10,010	10,010
5400	Supplies & Expenses	1,500	1,454	1,497	1,500	1,500	1,500	1,500
5200	Contract Services/Leases	500	489	500	500	500	500	500
7062	Town Audit	58,000	58,000	58,000	60,000	60,000	60,000	60,000
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**285,484**	**286,026**	**294,373**	**302,580**	**303,326**	**303,326**	**303,326**
141 - Assessor								
5110	Personnel	373,670	384,535	410,180	452,386	459,988	459,988	459,988
5120	Permanent Part Time	3,000	3,000	2,970	3,000	3,000	3,000	3,000
5190	Contractual Obligations	5,379	10,624	11,453	16,453	16,453	16,453	16,453
5400	Supplies & Expenses	2,717	2,949	2,810	3,250	3,250	3,250	3,250
5200	Contract Services/Leases	30,439	30,026	30,222	35,750	39,500	39,500	39,500
	TOTAL	**415,205**	**431,134**	**457,635**	**510,839**	**522,191**	**522,191**	**522,191**
145 - Treasurer/Collector								
5110	Personnel	474,589	471,306	480,295	506,688	499,566	499,566	499,566
5120	Permanent Part Time	20,409	20,409	20,409	20,409	20,409	20,409	20,409
5190	Contractual Obligations	9,360	10,947	14,697	15,411	15,911	15,911	15,911
5400	Supplies & Expenses	42,875	52,854	48,539	54,152	54,152	54,152	54,152
5200	Contract Services/Leases	82,474	77,551	91,062	92,554	92,554	92,554	92,554
5235	Tax Revenue Collection	41,722	74,741	67,316	50,000	50,000	50,000	50,000
	TOTAL	**671,429**	**707,808**	**722,318**	**739,214**	**732,592**	**732,592**	**732,592**

Town of Billerica Budget Detail FY2020 Page 2		EXPENDED FY2016	EXPENDED FY2017	EXPENDED FY2018	BUDGETED FY2019	DEPT REQ FY2020	TOWN MGR FY2020	FIN COM FY2020
161 - Town Clerk								
5110	Personnel	256,771	254,261	255,343	267,103	266,349	266,349	266,349
5190	Contractual Obligations	11,621	11,627	9,800	12,000	12,000	12,000	12,000
5400	Supplies & Expenses	1,133	1,369	1,385	1,400	1,400	1,400	1,400
5200	Contract Services/Leases	1,006	628	483	1,495	1,495	1,495	1,495
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**270,531**	**267,885**	**267,011**	**281,998**	**281,244**	**281,244**	**281,244**
162 - Election Department								
5120	Permanent Part Time	45,499	65,692	42,195	61,994	39,826	39,826	39,826
5400	Supplies & Expenses	1,440	1,750	1,200	3,695	2,610	2,610	2,610
5200	Contract Services/Leases	48,695	49,554	27,343	53,540	48,458	48,458	48,458
	TOTAL	**95,634**	**116,996**	**70,738**	**119,229**	**90,894**	**90,894**	**90,894**
163 - Board of Registrars								
5110	Personnel	35,931	31,863	33,967	40,938	42,507	42,507	42,507
5120	Permanent Part Time	3,020	1,510	3,020	3,205	3,205	3,205	3,205
5190	Contractual Obligations	600	600	600	1,000	1,000	1,000	1,000
5400	Supplies & Expenses	8,827	6,086	1,545	9,225	10,825	10,825	10,825
5200	Contract Services/Leases	-	-	2,811	2,850	2,850	2,850	2,850
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**48,378**	**40,059**	**41,943**	**57,218**	**60,387**	**60,387**	**60,387**
171 - Conservation Commission								
5110	Personnel	182,447	184,520	185,432	190,618	186,445	186,445	186,445
5120	Permanent Part Time	-	-	-	-	-	-	-
5130	Overtime	2,678	2,415	2,496	1,567	2,644	2,644	2,644
5190	Contractual Obligations	10,571	10,848	14,297	13,330	14,866	14,866	14,866
5400	Supplies & Expenses	860	845	801	1,000	4,500	4,500	4,500
5200	Contract Services/Leases	1,258	1,167	803	1,300	2,800	2,800	2,800
7092	Beaver Dam Control	14,219	14,834	1,415	15,000	15,000	15,000	15,000
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**212,033**	**214,628**	**205,244**	**222,815**	**226,255**	**226,255**	**226,255**
175 - Planning Board								
5110	Personnel	129,985	132,729	126,902	134,424	136,196	136,196	136,196
5120	Permanent Part Time	-	-	-	-	-	-	-
5130	Overtime	-	-	386	3,315	3,315	3,315	3,315
5190	Contractual Obligations	1,543	1,543	21,203	1,000	1,000	1,000	1,000
5400	Supplies & Expenses	845	299	1,500	1,500	1,500	1,500	1,500
5200	Contract Services/Leases	1,413	780	1,500	1,500	1,500	1,500	1,500
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**133,786**	**135,352**	**151,491**	**141,739**	**143,511**	**143,511**	**143,511**
176 - Board of Appeals								
5110	Personnel	52,441	52,441	54,350	55,651	55,651	55,651	55,651
5120	Permanent Part Time	-	-	-	-	-	-	-
5130	Overtime	3,529	2,411	3,010	3,529	3,529	3,529	3,529
5190	Contractual Obligations	4,502	41,354	4,434	5,134	5,334	5,334	5,334
5400	Supplies & Expenses	406	699	703	752	752	752	752
5200	Contract Services/Leases	-	-	-	80	80	80	80
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**60,878**	**96,905**	**62,497**	**65,146**	**65,346**	**65,346**	**65,346**
192 - Town Hall								
5110	Personnel	-	-	-	-	37,791	37,791	37,791
5190	Contractual Obligations	-	-	-	-	-	-	-
5400	Postage	103,491	120,000	119,968	120,000	120,000	120,000	120,000
5400	Custodial Supplies	3,609	2,807	3,718	4,000	4,000	4,000	4,000
5400	Supplies & Expenses	7,375	25,000	24,685	25,000	25,000	25,000	25,000
7059	Cleaning Services	-	-	-	-	-	-	-
5256	Utilities	168,618	159,500	158,958	159,500	159,500	159,500	159,500
7058	Building Maintenance	168,618	161,000	155,466	186,000	186,000	186,000	186,000
7055	Telephone	90,885	88,220	88,905	90,000	90,000	90,000	90,000
7065	Abandoned Buildings	6,508	4,586	741	5,500	30,000	30,000	30,000
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**549,104**	**561,113**	**552,441**	**590,000**	**652,291**	**652,291**	**652,291**

Town of Billerica Budget Detail FY2020 Page 3		EXPENDED FY2016	EXPENDED FY2017	EXPENDED FY2018	BUDGETED FY2019	DEPT REQ FY2020	TOWN MGR FY2020	FIN COM FY2020
691 - Historical Commission								
5400	Supplies & Expenses	10	50	50	50	50	50	50
5200	Contract Services/Leases	250	250	250	250	250	250	250
	TOTAL	**260**	**300**	**300**	**300**	**300**	**300**	**300**
910 - Town Systemwide								
7080	Town Retirements	75,000	175,000	155,000	125,000	125,000	125,000	125,000
xxxx	Town Settlements			-	11,000	-	-	-
7095	Streetlights	242,407	227,500	209,346	227,500	227,500	227,500	227,500
7096	Legal	193,020	259,033	228,366	245,000	245,000	245,000	245,000
7097	Town Fuel			-	305,000	305,000	305,000	305,000
	TOTAL	**510,427**	**661,533**	**592,712**	**913,500**	**902,500**	**902,500**	**902,500**
TOTAL GENERAL GOVERNMENT		**4,517,141**	**4,842,773**	**4,801,625**	**5,505,266**	**5,591,695**	**5,591,695**	**5,591,695**
210 - Police Department								
5110	Personnel	4,981,429	4,972,360	5,083,380	5,251,786	5,502,277	5,502,277	5,502,277
5120	Permanent Part Time	-	-	-	5,000	5,000	5,000	5,000
5130	Overtime	633,246	686,031	660,000	676,500	720,000	720,000	720,000
5190	Contractual Obligations	1,575,848	1,559,957	1,503,629	1,630,265	1,608,486	1,608,486	1,608,486
5400	Supplies & Expenses	376,560	387,207	412,336	284,350	287,350	287,350	287,350
5256	Utilities	-	-	-	-	-	-	-
5200	Contract Services/Leases	126,744	151,837	148,009	170,100	174,100	174,100	174,100
5800	Capital Outlay	111,000	152,089	110,026	176,300	185,600	185,600	185,600
	TOTAL	**7,804,828**	**7,909,481**	**7,917,380**	**8,194,301**	**8,482,813**	**8,482,813**	**8,482,813**
220 - Fire Department								
5110	Personnel	5,340,564	5,406,524	5,495,586	5,599,627	6,068,576	6,068,576	6,068,576
5120	Permanent Part Time	38,815	39,546	41,111	46,865	44,857	44,857	44,857
5130	Overtime	655,000	715,000	655,000	655,000	740,000	740,000	740,000
5190	Contractual Obligations	975,628	1,028,827	1,032,932	1,034,811	1,105,654	1,105,654	1,105,654
5400	Supplies & Expenses	378,267	377,071	403,144	316,045	312,310	312,310	312,310
5200	Contract Services/Leases	133,770	143,390	147,796	159,186	160,881	160,881	160,881
5256	Utilities	66,992	84,500	85,297	84,500	84,500	84,500	84,500
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**7,589,036**	**7,794,858**	**7,860,866**	**7,896,034**	**8,516,778**	**8,516,778**	**8,516,778**
231 - Ambulance								
5110	Personnel	830,196	909,686	977,807	1,022,485	1,021,253	1,021,253	1,021,253
5120	Permanent Part Time	10,000	15,000	15,000	15,000	15,000	15,000	15,000
5130	Overtime	179,821	197,956	195,000	207,000	222,000	222,000	222,000
5190	Contractual Obligations	120,572	134,583	141,380	191,045	173,901	173,901	173,901
5400	Supplies & Expenses	101,238	106,132	108,958	111,400	112,200	112,200	112,200
5200	Contract Services/Leases	100,953	102,066	109,572	112,000	112,000	112,000	112,000
5800	Capital Outlay	-	10,390	-	-	-	-	-
	TOTAL	**1,342,780**	**1,475,812**	**1,547,717**	**1,658,929**	**1,656,353**	**1,656,353**	**1,656,353**
241 - Building Department								
5110	Personnel	345,145	347,483	519,612	537,585	546,221	546,221	546,221
5120	Permanent Part Time	105,854	108,429	-	-	-	-	-
5130	Overtime	10,000	10,000	10,000	10,000	10,000	10,000	10,000
5190	Contractual Obligations	31,170	36,383	35,003	45,440	47,340	47,340	47,340
5400	Supplies & Expenses	5,381	5,808	6,239	6,600	6,600	6,600	6,600
5200	Contract Services/Leases	4,301	2,807	2,805	14,375	14,375	14,375	14,375
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**501,852**	**510,910**	**573,659**	**614,000**	**624,536**	**624,536**	**624,536**
244 - Sealer Weights and Measures								
5120	Permanent Part Time							
5400	Supplies & Expenses							
5200	Contract Services/Leases	11,000	11,000	11,000	11,000	11,000	11,000	11,000
	TOTAL	**11,000**	**11,000**	**11,000**	**11,000**	**11,000**	**11,000**	**11,000**
291 - Emergency Management								
5110	Personnel	11,562	11,562	11,562	12,581	12,581	12,581	12,581
5400	Supplies & Expenses	8,000	8,000	8,000	8,000	8,000	8,000	8,000
5190	Contractual Obligations	5,400	5,400	5,256	5,400	5,400	5,400	5,400
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**24,962**	**24,962**	**24,818**	**25,981**	**25,981**	**25,981**	**25,981**

Town of Billerica Budget Detail FY2020 Page 4		EXPENDED FY2016	EXPENDED FY2017	EXPENDED FY2018	BUDGETED FY2019	DEPT REQ FY2020	TOWN MGR FY2020	FIN COM FY2020
292 - Animal Control								
5110	Personnel	50,807	52,800	53,856	61,040	61,893	61,893	61,893
5120	Permanent Part Time	22,099	22,687	21,775	21,522	22,393	22,393	22,393
5130	Overtime	9,994	12,000	11,389	14,000	14,000	14,000	14,000
5190	Contractual Obligations	1,650	2,300	2,100	700	2,350	2,350	2,350
5400	Supplies & Expenses	3,981	4,127	5,481	5,500	6,500	6,500	6,500
5200	Contract Services/Leases	4,500	4,347	5,000	5,000	6,500	6,500	6,500
5256	Utilities	2,360	6,418	6,580	7,000	7,000	7,000	7,000
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**95,391**	**104,679**	**106,181**	**114,762**	**120,636**	**120,636**	**120,636**
510 - Board of Health								
5110	Personnel	269,452	269,256	279,675	285,944	282,914	282,914	282,914
5120	Permanent Part Time	35,748	35,748	37,050	38,263	37,936	37,936	37,936
5130	Overtime	3,500	4,388	3,500	3,500	3,500	3,500	3,500
5190	Contractual Obligations	25,212	21,884	30,629	35,566	33,916	33,916	33,916
5400	Supplies & Expenses	2,895	2,735	2,342	2,895	2,895	2,895	2,895
5200	Contract Services/Leases	7,931	6,342	7,207	9,026	9,026	9,026	9,026
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**344,738**	**340,353**	**360,403**	**375,195**	**370,188**	**370,188**	**370,188**
TOTAL PUBLIC SAFETY		**17,714,587**	**18,172,055**	**18,402,024**	**18,890,202**	**19,808,285**	**19,808,285**	**19,808,285**
410 - Engineering								
5110	Personnel	428,423	439,398	519,847	557,457	581,615	581,615	581,615
5130	Overtime	17,014	12,841	7,904	21,400	21,400	21,400	21,400
5190	Contractual Obligations	11,390	12,550	12,200	15,500	14,100	14,100	14,100
5400	Supplies & Expenses	4,960	3,905	6,404	8,000	8,000	8,000	8,000
5200	Contract Services/Leases	18,159	25,965	58,330	130,928	99,228	99,228	99,228
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**479,946**	**494,659**	**604,685**	**733,285**	**724,343**	**724,343**	**724,343**
421 - Public Works Administration								
5110	Personnel	697,492	737,146	769,397	639,642	655,052	655,052	655,052
5120	Permanent Part Time	166,234	135,099	91,096	195,000	262,080	262,080	262,080
5130	Overtime	-	-	4,385	-	-	-	-
5190	Contractual Obligations	33,356	26,626	30,252	32,028	32,354	32,354	32,354
5400	Supplies & Expenses	14,429	21,424	23,310	3,000	3,000	3,000	3,000
5200	Contract Services/Leases	15,395	20,618	19,120	16,850	16,850	16,850	16,850
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**926,906**	**940,913**	**937,560**	**886,520**	**969,336**	**969,336**	**969,336**
422 - Highway Department								
5110	Personnel	837,594	863,918	873,968	976,063	962,479	962,479	962,479
5130	Overtime Regular	57,587	49,173	48,568	70,727	70,727	70,727	70,727
5150	Temporary/Seasonal	-	-	-	-	-	-	-
5190	Contractual Obligations	25,851	21,490	19,498	28,250	28,550	28,550	28,550
5400	Supplies & Expenses	413,336	353,127	426,541	413,100	443,100	413,100	413,100
5200	Contract Services/Leases	211,584	278,165	300,923	322,293	322,293	322,293	322,293
5256	Utilities	29,216	29,250	19,120	29,250	29,250	29,250	29,250
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**1,575,167**	**1,595,122**	**1,688,618**	**1,839,683**	**1,856,399**	**1,826,399**	**1,826,399**
423 - Snow and Ice								
5131	Snow Overtime	100,646	170,322	193,826	70,000	70,000	70,000	70,000
5278	Snow and Sand Expenses	696,232	1,153,416	1,165,758	350,000	350,000	350,000	350,000
	TOTAL	**796,878**	**1,323,738**	**1,359,584**	**420,000**	**420,000**	**420,000**	**420,000**
433 - Solid Waste								
5285	Solid Waste	2,960,068	2,842,908	2,693,147	2,979,589	3,086,921	3,086,921	3,086,921
		2,960,068	**2,842,908**	**2,693,147**	**2,979,589**	**3,086,921**	**3,086,921**	**3,086,921**

Town of Billerica Budget Detail FY2020 Page 5		EXPENDED FY2016	EXPENDED FY2017	EXPENDED FY2018	BUDGETED FY2019	DEPT REQ FY2020	TOWN MGR FY2020	FIN COM FY2020
491 - Parks/Trees								
5110	Personnel			-	480,372	484,925	484,925	484,925
5120	Permanent Part Time			-	-	-	-	-
5130	Overtime			-	97,370	97,370	97,370	97,370
5190	Contractual Obligations			-	17,124	17,124	17,124	17,124
5400	Supplies & Expenses			-	94,025	67,925	67,925	67,925
7093	Mosquito Control			-	15,000	15,000	15,000	15,000
5200	Contract Services/Leases			-	67,830	125,830	125,830	125,830
5256	Utilities			-	7,500	7,500	7,500	7,500
5800	Capital Outlay			-	100,000	120,000	120,000	120,000
	TOTAL	**-**		**-**	**879,221**	**935,674**	**935,674**	**935,674**
491 - Cemetery								
5110	Personnel			-	284,459	287,747	287,747	287,747
5120	Permanent Part Time			-	-	-	-	-
5130	Overtime			-	55,640	55,640	55,640	55,640
5190	Contractual Obligations			-	10,296	10,296	10,296	10,296
5400	Supplies & Expenses			-	36,500	36,500	36,500	36,500
7093	Mosquito Control			-	-	-	-	-
5200	Contract Services/Leases			-	20,450	20,450	20,450	20,450
5256	Utilities			-	2,250	2,250	2,250	2,250
5800	Capital Outlay			-	-	-	-	-
5800	Perpetual Care			-	-	-	-	-
	TOTAL	**-**		**-**	**409,595**	**412,883**	**412,883**	**412,883**
491 - Cemetery Parks/Trees								
5110	Personnel	457,950	462,404	489,705	-	-	-	-
5120	Permanent Part Time	-	-	-	-	-	-	-
5130	Overtime	90,000	89,316	91,000	-	-	-	-
5190	Contractual Obligations	14,917	16,974	14,367	-	-	-	-
5400	Supplies & Expenses	68,864	72,915	73,020	-	-	-	-
7093	Mosquito Control	11,490	11,760	10,140	-	-	-	-
5200	Contract Services/Leases	60,307	64,340	61,870	-	-	-	-
5256	Utilities	11,088	14,070	10,898	-	-	-	-
5800	Capital Outlay	-	-	99,050	-	-	-	-
5800	Perpetual Care	-	-	-	-	-	-	-
	TOTAL	**714,616**	**731,779**	**850,050**	**-**	**-**	**-**	**-**
TOTAL PUBLIC WORKS		**7,453,582**	**7,929,118**	**8,133,644**	**8,147,893**	**8,405,556**	**8,375,556**	**8,375,556**
300 - Billerica Public Schools								
5166	Professional Salaries	46,370,259	48,070,259	49,850,259	50,784,651	53,532,364	53,532,364	53,532,364
5170	Clerical Salaries							
5180	Other Salaries							
5466	Supplies & Expenses	1,796,017	1,798,617	1,797,817	1,755,573	1,755,573	1,755,573	1,755,573
5266	Contract Services/Leases	8,146,040	8,146,040	8,146,040	8,308,961	8,308,961	8,308,961	8,308,961
5267	Utilities	1,351,592	1,351,592	1,351,592	1,378,624	1,378,624	1,378,624	1,378,624
5866	Capital Outlay	277,352	277,352	277,352	282,899	282,899	282,899	282,899
	TOTAL	**57,941,260**	**59,643,860**	**61,423,060**	**62,510,708**	**65,258,421**	**65,258,421**	**65,258,421**
310 - Shawsheen Technical School								
5300	Operating Costs	9,225,999	10,122,691	10,579,268	10,917,388	10,257,388	10,257,388	10,256,850
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**9,225,999**	**10,122,691**	**10,579,268**	**10,917,388**	**10,257,388**	**10,257,388**	**10,256,850**
TOTAL PUBLIC EDUCATION		**67,167,259**	**69,766,551**	**72,002,328**	**73,428,096**	**75,515,809**	**75,515,809**	**75,515,271**

Town of Billerica Budget Detail FY2020 Page 6		EXPENDED FY2016	EXPENDED FY2017	EXPENDED FY2018	BUDGETED FY2019	DEPT REQ FY2020	TOWN MGR FY2020	FIN COM FY2020
610 - Public Library								
5110	Personnel	650,551	659,032	753,461	798,305	734,295	734,295	734,295
5120	Permanent Part Time	404,942	439,388	360,578	389,708	394,066	394,066	394,066
5190	Contractual Obligations	25,850	30,369	29,437	30,481	30,481	30,481	30,481
5400	Supplies & Expenses	201,000	203,230	210,350	214,057	214,057	214,057	214,057
5200	Contract Services/Leases	63,276	71,265	73,362	80,567	80,567	80,567	80,567
7059	Cleaning Service	18,480	18,528	20,099	20,100	20,100	20,100	20,100
5256	Utilities	76,682	76,800	76,800	76,800	76,800	76,800	76,800
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**1,440,780**	**1,498,612**	**1,524,087**	**1,610,018**	**1,550,367**	**1,550,367**	**1,550,367**
630 - Recreation Department								
5110	Personnel	204,277	204,277	212,383	257,642	262,443	262,443	262,443
5120	Permanent Part Time	108,828	123,743	116,218	103,441	107,641	107,641	107,641
5190	Contractual Obligations	-	14,046	9,627	7,300	8,432	8,432	8,432
5400	Supplies & Expenses	11,420	14,046	13,114	15,950	14,080	14,080	14,080
5200	Contract Services/Leases	40,293	49,500	47,798	51,540	60,340	60,340	60,340
5256	Utilities	8,808	10,000	14,899	10,000	10,000	10,000	10,000
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**373,626**	**415,612**	**414,039**	**445,872**	**462,936**	**462,936**	**462,936**
91070 - Civic Events/Organizations								
7067	VFW-P, DAV, VFW-S	400	600	600	600	600	600	600
7068	Memorial Day/Homcoming	7,214	8,802	8,392	9,000	9,000	9,000	9,000
7097	Family First Night	5,000	5,000	5,000	5,000	5,000	5,000	5,000
7098	350th Celebration	-	-	-	-	-	-	-
7076	Middlesex Canal	2,442	1,296	19	1,500	1,500	1,500	1,500
7077	Beautification	834	1,000	1,000	1,000	15,000	15,000	15,000
7084	Scholarship Account	6,100	6,100	5,100	5,100	5,100	5,100	5,100
	TOTAL	**21,990**	**22,798**	**20,111**	**22,200**	**36,200**	**36,200**	**36,200**
TOTAL LIBRARY & RECREATION		***1,836,396***	***1,937,022***	***1,958,237***	***2,078,090***	***2,049,503***	***2,049,503***	***2,049,503***
543 - Veterans Services								
5110	Personnel	126,086	126,087	130,678	133,804	133,804	133,804	133,804
5190	Contractual Obligations	8,917	8,434	8,934	9,334	9,534	9,534	9,534
5400	Supplies & Expenses	4,710	2,766	3,177	4,710	4,710	4,710	4,710
5200	Contract Services/Leases	1,277	1,285	473	1,385	1,385	1,385	1,385
5280	Veterans Benefits	516,454	409,629	360,033	430,000	430,000	430,000	430,000
	TOTAL	**657,444**	**548,201**	**503,295**	**579,233**	**579,433**	**579,433**	**579,433**
541 - Council on Aging								
5110	Personnel	198,215	195,182	201,058	216,310	211,769	211,769	211,769
5120	Permanent Part Time	16,081	17,017	17,017	18,727	22,734	22,734	22,734
5190	Contractual Obligations	5,074	3,192	4,081	6,600	6,600	6,600	6,600
5400	Supplies & Expenses	38,258	36,677	37,274	37,270	42,270	42,270	42,270
5200	Contract Services/Leases	28,261	34,445	34,502	34,465	41,665	41,665	41,665
5256	Utilities	37,659	32,690	35,861	32,690	32,690	32,690	32,690
5800	Capital Outlay	-	-	-	-	-	-	-
	TOTAL	**323,549**	**319,202**	**329,793**	**346,062**	**357,728**	**357,728**	**357,728**
561 - Commission on Disabilities								
5400	Supplies & Expenses	-	-		-	-	-	-
5200	Contract Services/Leases	-	-		-	-	-	-
	TOTAL	**-**	**-**		**-**	**-**	**-**	**-**
563 - Housing Partnership								
5150	Temporary/Seasonal	-	-		-	-	-	-
5400	Supplies & Expenses	-	-		-	-	-	-
	TOTAL	**-**	**-**		**-**	**-**	**-**	**-**
TOTAL HUMAN SERVICES		**980,993**	**867,403**	**833,088**	**925,295**	**937,161**	**937,161**	**937,161**

Town of Billerica Budget Detail FY2020 Page 7		EXPENDED FY2016	EXPENDED FY2017	EXPENDED FY2018	BUDGETED FY2019	DEPT REQ FY2020	TOWN MGR FY2020	FIN COM FY2020
710 - Capital								
7150	Equipment	500,000	500,000	500,000	500,000	500,000	500,000	500,000
7140	Contracts	500,000	500,000	500,000	500,000	500,000	500,000	500,000
	TOTAL	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**
710 - Debt and Interest		-	-		-	-	-	-
7150	Debt Principal - Town	522,792	511,539	453,846	170,000	165,000	165,000	165,000
7140	Debt Principal - School	650,000	650,000	650,000	500,000	490,000	490,000	490,000
7550	Debt Interest - Town	86,389	70,765	53,764	43,150	36,850	36,850	36,850
7160	Debt Interest - School	216,543	187,223	168,900	140,351	124,250	124,250	124,250
7580	New Debt - Town Interest	-	-	-	-	-	-	-
7130	Temporary Borrowing - Town	134,167	198,282	307,375	420,000	420,000	420,000	420,000
7170	High School Exclusion - Principal			2,400,000	1,800,000	2,000,000	2,000,000	2,000,000
7170	High School Exclusion - Interest			2,454,182	3,339,219	3,249,219	3,249,219	3,249,219
75XP	Parker Debt Exclusion - Principal	1,500,000	1,420,000	1,250,000	1,250,000	320,000	320,000	320,000
75XI	Parker Debt Exclusion - Interest	367,362	322,362	265,562	215,563	165,563	165,563	165,563
75XO	Debt Stabilization Appropriation	-	735,000	0	766,198	909,086	909,086	909,086
	TOTAL	**3,477,253**	**4,095,171**	**8,003,629**	**8,644,481**	**7,879,967**	**7,879,967**	**7,879,967**
91070 - Town/School Shared Costs								
7010	Bldg/Auto/Liab Insurance	1,019,724	1,020,000	912,727	1,020,000	1,120,000	1,120,000	1,120,000
7012	Health Insurance	13,026,640	14,526,640	15,526,640	16,237,027	16,314,027	16,314,027	16,314,027
7020	Workers' Compensation	855,700	865,417	843,995	866,000	866,000	866,000	866,000
7030	Umemployment Comp.	26,300	57,408	56,454	100,000	100,000	100,000	100,000
7042	Medicare	1,027,500	993,500	1,110,675	1,133,240	1,133,240	1,133,240	1,133,240
7052	County Retirement Assessment	9,204,554	9,826,635	10,788,311	11,509,447	11,921,516	11,921,516	11,921,516
7052	OPEB Trust Contribution	-	-	1,000,000	1,150,000	1,322,500	1,322,500	1,322,500
	TOTAL	**25,160,418**	**27,289,599**	**30,238,802**	**32,015,714**	**32,777,283**	**32,777,283**	**32,777,283**
TOTAL TOWN & SCHOOL SHARED COSTS		***29,637,671***	***32,384,770***	***39,242,431***	***41,660,195***	***41,657,250***	***41,657,250***	***41,657,250***
	SUMMARY							
	General Government	4,517,141	4,842,773	4,801,625	5,505,266	5,591,695	5,591,695	5,591,695
	Public Safety	17,714,587	18,172,055	18,402,024	18,890,202	19,808,285	19,808,285	19,808,285
	Public Works	7,453,582	7,929,118	8,133,644	8,147,893	8,405,556	8,375,556	8,375,556
	Public Education	67,167,259	69,766,551	72,002,328	73,428,096	75,515,809	75,515,809	75,515,271
	Library and Recreation	1,836,396	1,937,022	1,958,237	2,078,090	2,049,503	2,049,503	2,049,503
	Human Services	980,993	867,403	833,088	925,295	937,161	937,161	937,161
	Town/School Shared Costs	29,637,671	32,384,770	39,242,431	41,660,195	41,657,250	41,657,250	41,657,250
	TOTAL	**129,307,629**	**135,899,692**	**145,373,377**	**150,635,037**	**153,965,259**	**153,935,259**	**153,934,721**

Submitted by the Board of Selectmen, Town Manager and Finance Committee

Finance Committee recommends approval.

Article 21 Explanation: The detailed budget presentation will be available in the Town Meeting Book and on the Town Manager's Page: http://www.town.billerica.ma.us/365/Budget-Information.

ARTICLE 22 - FISCAL YEAR 2020 WATER ENTERPRISE BUDGET

To see if the Town will vote to raise and appropriate a sum of money to operate the Water Enterprise Fund pursuant to M.G.L. Chapter 44 Section 53 F ½ for the fiscal year beginning July 1, 2019 and ending June 30, 2020; or act in relation thereto.

WATER ENTERPRISE BUDGET	FY2016 EXPENDED	FY2017 EXPENDED	FY2018 EXPENDED	FY2019 BUDGETED	FY2020 DEPT REQ	FY2020 TM REC	FY2020 FIN COM REC
Personnel Services							
5110 Full Time	$ 1,198,376	$ 1,189,092	$ 1,318,727	$ 1,378,353	$ 1,414,017	$ 1,414,017	$ 1,414,017
5120 Part Time	$ 92,273	$ 93,293	$ 53,429	$ 53,429	$ 59,433	$ 59,433	$ 59,433
5150 Seasonal				$ -	$ -	$ -	$ -
5132 Flushing/Inspection	$ 158,104	$ 150,399	$ 159,450	$ 159,450	$ 159,450	$ 159,450	$ 159,450
5130 Overtime	$ 296,922	$ 282,543	$ 297,000	$ 297,000	$ 297,000	$ 297,000	$ 297,000
5190 Contractual Obligations	$ 42,184	$ 56,454	$ 65,209	$ 100,689	$ 63,641	$ 63,641	$ 63,641
Total	$ 1,787,860	$ 1,771,781	$ 1,893,815	$ 1,988,921	$ 1,993,541	$ 1,993,541	$ 1,993,541
Expenses							
5400 Supplies and Expenses	$ 922,296	$ 960,527	$ 984,211	$ 1,141,806	$ 1,131,506	$ 1,131,506	$ 1,131,506
5200 Contract Services/Leases	$ 349,982	$ 426,860	$ 496,620	$ 535,905	$ 644,205	$ 644,205	$ 644,205
5256 Utilities	$ 592,450	$ 593,000	$ 593,000	$ 593,000	$ 594,000	$ 594,000	$ 594,000
5800 Capital Outlay	$ -	$ -	$ -	$ -	$ -	$ -	$ -
7063 Reserve				$ 83,000	$ 83,000	$ 83,000	$ 83,000
Total Expenses	$ 1,864,727	$ 1,980,387	$ 2,073,831	$ 2,353,711	$ 2,452,711	$ 2,452,711	$ 2,452,711
Debt Service							
7130 Short - Term Interest	$ 2,452	$ 20,190	$ 23,730	$ 25,000	$ 25,000	$ 25,000	$ 25,000
7150 Long - Term Principal	$ 1,675,212	$ 1,690,176	$ 1,620,750	$ 1,617,826	$ 1,642,626	$ 1,642,626	$ 1,642,626
7550 Long - Term Interest	$ 368,691	$ 288,360	$ 248,389	$ 203,436	$ 162,156	$ 162,156	$ 162,156
Total Debt Service	$ 2,046,355	$ 1,998,726	$ 1,892,869	$ 1,846,262	$ 1,829,782	$ 1,829,782	$ 1,829,782
TOTAL BUDGET	**$ 5,698,942**	**$ 5,750,894**	**$ 5,860,515**	**$ 6,188,894**	**$ 6,276,034**	**$ 6,276,034**	**$ 6,276,034**

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 22 Explanation: This is a Water Enterprise Budget as voted pursuant to Article 29 of the October 2015 Annual Fall Town Meeting. This budget will be funded by general tax revenue and water user fees. The line item budget is arranged to show the actual expenditures for the prior fiscal years and the proposed budget for the ensuing fiscal year. It is summarized by Town agency, function and/or program including any proposed capital expenditures. The preceding budget, when considered by the Town Meeting shall first be subject to amendment, if any, as may be proposed by the Finance Committee. The Town Manager's detailed budget and all explanatory information are available to the Town Meeting Representatives and the general public for inspection in the Town Manager's Office, the Public Library and the Town Clerk's

Office. This information is also available in the Town Meeting Book and on the Town Manager's Page: http://www.town.billerica.ma.us/365/Budget-Information.

ARTICLE 23 - FISCAL YEAR 2020 SEWER ENTERPRISE BUDGET

To see if the Town will vote to raise and appropriate a sum of money to operate the Sewer Enterprise Fund pursuant to M.G.L. Chapter 44 Section 53 F ½ for the fiscal year beginning July 1, 2019 and ending June 30, 2020; or act in relation thereto.

Wastewater Enterprise Budget	FY2016 EXPENDED	FY2017 EXPENDED	FY2018 EXPENDED	FY2019 BUDGETED	FY2020 DEPT REQ	FY2020 TM REC	FY2020 FIN COM REC
Personnel Services							
Full Time	$ 981,583	$ 948,445	$ 1,014,793	$ 1,003,527	$ 1,097,355	$ 1,097,355	$ 1,097,355
Part Time/Seasonal				$ -	$ -	$ -	$ -
Overtime	$ 108,898	$ 107,221	$ 95,000	$ 123,992	$ 135,000	$ 135,000	$ 135,000
Contractual Obligations	$ 36,411	$ 64,129	$ 53,225	$ 52,180	$ 51,280	$ 51,280	$ 51,280
Total	**$ 1,126,892**	**$ 1,119,795**	**$ 1,163,018**	**$ 1,179,699**	**$ 1,283,635**	**$ 1,283,635**	**$ 1,283,635**
Expenses							
Supplies and Expenses	$ 507,044	$ 551,155	$ 535,043	$ 611,200	$ 764,200	$ 764,200	$ 764,200
Contract Services/Leases	$ 739,698	$ 904,052	$ 777,925	$ 858,450	$ 1,004,250	$ 1,004,250	$ 1,004,250
Utilities	$ 383,257	$ 414,500	$ 413,408	$ 415,000	$ 415,000	$ 415,000	$ 415,000
Capital Outlay					$ -	$ -	$ -
Reserve				$ 83,000	$ 83,000	$ 83,000	$ 83,000
Total Expenses	**$ 1,629,999**	**$ 1,869,707**	**$ 1,726,376**	**$ 1,967,650**	**$ 2,266,450**	**$ 2,266,450**	**$ 2,266,450**
Debt Service							
Short - Term Interest	$ 150,000	$ 69,513	$ 144,308	$ 245,000	$ 245,000	$ 245,000	$ 245,000
Long - Term Principal	$ 3,685,439	$ 3,532,670	$ 4,011,090	$ 3,869,322	$ 3,876,159	$ 3,876,159	$ 3,876,159
Long - Term Interest	$ 1,012,127	$ 936,674	$ 1,085,909	$ 1,065,717	$ 969,874	$ 969,874	$ 969,874
Total Debt Service	**$ 4,847,566**	**$ 4,538,857**	**$ 5,241,307**	**$ 5,180,039**	**$ 5,091,033**	**$ 5,091,033**	**$ 5,091,033**
TOTAL BUDGET	**$ 7,604,457**	**$ 7,528,360**	**$ 8,130,701**	**$ 8,327,388**	**$ 8,641,118**	**$ 8,641,118**	**$ 8,641,118**

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 23 Explanation: This is a Waste Water Enterprise Budget as voted pursuant to Article 30 of the October 2015 Annual Fall Town Meeting. This budget will be funded by general tax revenue and water user fees. The line item budget is arranged to show the actual expenditures for the prior years and the proposed budget for the ensuing fiscal year. It is summarized by Town agency, function and/or program including any proposed capital expenditures. The preceding budget, when considered by the Town Meeting shall first be subject to amendment, if any, as may be proposed by the Finance Committee. The Town Manager's detailed budget and all explanatory information are available to the Town Meeting Representatives and the general public for inspection in the Town Manager's Office, the Public Library and the Town Clerk's

Office. This information is also available in the Town Meeting Book and on the Town Manager's Page: http://www.town.billerica.ma.us/365/Budget-Information.

ARTICLE 24 - COMMUNITY PRESERVATION COMMITTEE APPROPRIATION AND BUDGET RECOMMENDATIONS

To determine whether the Town will vote to raise and appropriate, or transfer from available funds, the sum of **$314,057**, or any other sum, from the Billerica Community Preservation Fund, of which $346,753 shall remain in the undesignated fund balance as of June 30, 2019; up to $90,000 shall be appropriated to Community Housing; up to $90,000 shall be appropriated to the Open Space/Recreation Reserve Fund; up to $89,057 shall be appropriated for Historic Preservation Projects; and up to $900,000 shall be appropriated from projected FY20 Fund Revenues, in accordance with Massachusetts General Laws c. 44B, to be expended under the direction of the Town Manager as follows; and further, to authorize the Board of Selectmen to acquire any interests in land that may be necessary to effectuate the purposes of this vote, or to grant any interests in land as may be necessary to comply with G.L. c.44B; and further, to authorize the Board of Selectmen to execute any documents or instruments necessary to effectuate the purpose of this Article; all in accordance with Massachusetts General Laws c. 44B or other applicable law; with sums appropriated hereunder to be expended under the direction of the Town Manager; or act in relation thereto.

<table>
<tr><th rowspan="2">Item</th><th rowspan="2">Project/Description</th><th colspan="5">Category</th><th rowspan="2">Total Amount Recommended</th></tr>
<tr><th>Housing</th><th>Open Space and Recreation</th><th>Historic Preservation</th><th>FY20 Appropriation</th><th>CPA Fund Balance</th></tr>
<tr><td>A</td><td>Billerica Affordable Housing Trust – Affordable unit purchasing</td><td></td><td></td><td></td><td>$90,000</td><td></td><td>$90,000</td></tr>
<tr><td colspan="8">Under the direction of Billerica's Affordable Housing Trust, the Billerica Housing Authority (BHA) will pursue the purchase of affordable housing units. As a provider of safe, decent and affordable housing opportunities for residents, the BHA and Affordable Housing Trust will use CPA funding to help build a reserve to be used as "seed" funds/deposit for new family and elderly housing opportunities for Billerica residents in need. The project supports the CPC's plan for ensuring long range affordability for residents, can help achieve the goal to develop rental and ownership options for senior citizens, disabled residents and veterans laid out in Billerica's Housing Production Plan.</td></tr>
<tr><td>B1</td><td>Billerica Public Library – Great Deed Preservation</td><td></td><td></td><td></td><td>$7,180</td><td></td><td>$7,180</td></tr>
<tr><td colspan="8">The first grants in the Shawshin wilderness were issued to Governor Winthrop and Lt. Governor Dudley in 1638. Several other large grants to important proprietors of Cambridge followed making the Shawshin wilderness (Billerica) part of Cambridge. As more and more families settled on these grants, the need to self-govern became apparent. After a series of petitions to the court and other negotiations the Town of Billerica was established in 1655. The resulting document, "Billerica: Deed of Their Town from Cambridge Proprietors" was created. It is commonly referred to as "The Great Deed." This project would preserve a 364 year old document.</td></tr>
<tr><td>B2</td><td>Billerica Fire Department – 1926 Maxim Ladder Truck Restoration</td><td></td><td></td><td></td><td>$29,000</td><td></td><td>$29,000</td></tr>
</table>

Item	Project/Description	Housing	Open Space and Recreation	Historic Preservation	FY20 Appropriation	CPA Fund Balance	Total Amount Recommended
The Town of Billerica owns an original historical piece of firefighting equipment. The 1926 Maxim Ladder Fire Truck was in service to the Town of Billerica for close to thirty years, until 1955. This piece was housed at the Central Fire Station on Boston Road. From 1955 to 1972, it was loaned to the B & M Railroad and was used as a working piece of fire equipment for their mini –fire department. By the mid 1980's the truck was in need of mechanical and body restoration and while efforts were made to restore it, the project was not completed and the truck deteriorated further. This project would complete that restoration process.							
B4	**First Parish Church – Steeple Rehabilitation and Restoration**				**$52,877**		**$52,877**
First Parish Church, initially known as the First Meeting House for the Town of Billerica, has been an important historical center piece for over three centuries. First Parish Church has played a significant role in the town for over 350 years. There is no greater historic representation of the importance of the Church to the Town of Billerica, than to note the steeple of the church is featured on the Billerica town flag. First Parish Church is seeking CPA funding for historic preservation, rehabilitation and restoration of the church steeple. The steeple of the First Parish Church is in need of rehabilitation and the railings and moldings of the belfry and lantern sections of the steeple need to be replaced. The weathervane and the clocks also need restoration.							
C1	**Open Space & Recreations**				**$90,000**		**$90,000**
Reserved funds for open space and recreation.							
D1	**Staff and Technical Support**				**$45,000**		**$45,000**
					$314,057		$314,057

This article authorizes the appropriation of funds from the Community Preservation Fund for the completion of specific projects as listed in the above chart and allowed under the Community Preservation Act. These projects will expend a total of $90,000 for Community Housing, $89,057 for Historic Preservation, and will reserve $90,000 for Open Space/Recreation, and will expend $45,000 for Administration. Town Meeting may reduce or reject but may not increase the appropriation from the Community Preservation Fund for any item proposed by the Committee.

Submitted by the Community Preservation Committee

Finance Committee recommends approval.

Article 24 Explanation: The Community Preservation Committee received applications for projects to use funds within the Community Preservation Fund, and the five projects described above will be recommended to Town Meeting for approval.

ARTICLE 25 - TO ALLOW THE TOWN MANAGER AND FINANCE COMMITTEE TO TRANSFER FUNDS

To see if the Town will vote to allow the Town Manager, upon request of a Department Head, Board or Commission, to make a transfer of funds between budget line items not-to-exceed a difference of $5,000 from the amount voted at Town Meeting per line item for Fiscal Year 2020, with the exclusion of travel accounts, within the same department.

Transfers within department line items in excess of $5,000 for Fiscal Year 2020 must be approved by the Finance Committee. A written report from the Town Manager on all transfers of $5,000 and under must be provided to the Finance Committee on the first Tuesday of each month; or act in relation thereto.

Submitted by the Finance Committee

Finance Committee recommends approval.

<u>Article 25 Explanation</u>: This article gives the Town Manager the authority to transfer funds between budget line items within a particular department, not-to-exceed $5,000 per fiscal year. If the amount exceeds $5,000, the article gives the authority to make such a transfer with the Finance Committee's approval.

ARTICLE 26 - TO AUTHORIZE DEPARTMENTAL REVOLVING FUNDS

To see if the Town will vote pursuant to the provisions of M.G.L. Chapter 44, Subsection 53E1/2, as most recently amended, to set Fiscal Year 2020 spending limits for revolving funds as follows:

REVOLVING FUND	FY 2020 SPENDING LIMIT
Animal Control	$5,000
Inspectional Service Emergency Overtime	$5,000
Wetlands By-Law	$30,000
C.O.A. Programs	$100,000
BEAM Program	$2,000,000
Respite Care	$120,000
Flu Shot Program	$15,000

Or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen and Billerica School Committee

Finance Committee recommends approval.

<u>Article 26 Explanation</u>: Revolving Funds are allowed under M.G.L. Chapter 44, Section 53E ½ and must be established by By-Law. Under the statute, as most recently amended, Town Meeting must authorize the funding limit of Revolving Funds each year.

ARTICLE 27 - TO FUND WASTEWATER TREATMENT PLANT IMPROVEMENTS

To see if the Town will vote to appropriate the sum of $9,005,000 for the purpose of financing the construction of the Wastewater Treatment Plant Phase III and Pump Station Improvements Plan including without limitation all costs thereof as defined in Section 1 of Chapter 29C of the General Laws, as most recently amended by St. 1998, c.78; that to meet this appropriation the Treasurer with the approval of the Selectmen is authorized to borrow $9,005,000 and issue bonds or notes therefore under Chapter 44 of the General Laws or any other enabling authority, and/or Chapter 29C of the General Laws, as most recently amended by St. 1998, c.78; that such bonds or notes shall be general obligations of the Town unless the Treasurer with the approval of the Selectmen determines that they should be issued as limited obligations and may be secured by local system revenues as defined in Section 1 of Chapter 29C, as most recently amended by St. 1998, c.78; that the Treasurer with the approval of the Selectmen is authorized to borrow all or a portion of such amount from the Massachusetts Clean Water Trust established pursuant to Chapter 29C, as most recently amended by St. 1998, c.78; and in connection therewith to enter into a loan agreement and/or security agreement with the Trust and otherwise to contract with the Trust and the Department of Environmental Protection with respect to such loan and for any federal or state aid available for the project or for the financing thereof; that the Town Manager is authorized to enter into a project regulatory agreement with the Department of Environmental Protection, to expend all funds available for the project and to take any other action necessary to carry out the project; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 27 Explanation: The Waste Water Treatment Plant Design upgrades were approved by Town Meeting in Spring 2018, Article 27. The upgrade included the following:

- Sodium hypochlorite and sodium bisulfite tank replacements
- Plant-wide emergency generator (includes upgrades to service entrance and main switchboard)
- New Operations Building
- Permanent Town water connection to the plant water pumps
- Administration Building renovations (lab counters, cabinets, hood upgrades, upgrades to floors, bathrooms, etc.)
- Adding overhead doors and man doors to secure the Compost Building
- HVAC improvements to Tertiary MCC room to alleviate VFD failures
- Drain system for the post-aeration tank

Additional Wastewater Items outside the Plant include:

- Salem Road PS Upgrades (structural, electrical, instrumentation, mechanical, generator upgrades)
- Waterview PS Upgrades (replace parts for the existing ejector stations)

- Darby PS (structural and mechanical upgrades)

The projected construction cost is $9,005,000.

ARTICLE 28 - TO FUND WATER PLANT IMPROVEMENTS

To see if the Town will vote to appropriate the sum of $10,025,400 for the purpose of financing the construction of the Relocation and Replacement of the Ozone System and other Phase I Improvements at the Water Treatment Plant including without limitation all costs thereof as defined in Section 1 of Chapter 29C of the General Laws, as most recently amended by St. 1998, c.78; that to meet this appropriation the Treasurer with the approval of the Selectmen is authorized to borrow $10,025,400 and issue bonds or notes therefore under Chapter 44 of the General Laws or any other enabling authority, and/or Chapter 29C of the General Laws, as most recently amended by St. 1998, c.78; that such bonds or notes shall be general obligations of the Town unless the Treasurer with the approval of the Selectmen determines that they should be issued as limited obligations and may be secured by local system revenues as defined in Section 1 of Chapter 29C, as most recently amended by St. 1998, c.78; that the Treasurer with the approval of the Selectmen is authorized to borrow all or a portion of such amount from the Massachusetts Clean Water Trust established pursuant to Chapter 29C, as most recently amended by St. 1998, c.78; and in connection therewith to enter into a loan agreement and/or security agreement with the Trust and otherwise to contract with the Trust and the Department of Environmental Protection with respect to such loan and for any federal or state aid available for the project or for the financing thereof; that the Town Manager is authorized to enter into a project regulatory agreement with the Department of Environmental Protection, to expend all funds available for the project and to take any other action necessary to carry out the project; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 28 Explanation: The Water Treatment Plant Design upgrades were approved by Town Meeting in Spring 2018, Article 28. The upgrade included the following:

- Relocation and replacement of existing ozone equipment. This includes a new Ozone Building.
- Replacement of chemical bulk storage and day tanks
- Lightening upgrades to the Plant
- Replacement of two finished water VFDs
- Upgrades to the HMI Software
- Structural improvements to tanks and buildings, including structural improvements at the Raw Water Pump Station
- HVAC improvements to the Administration Building
- Tempered water to all eye wash stations in the process building
- Relocation of the existing chiller

- Replacement of raw water main valves and seal

The projected construction cost is $10,025,400.

ARTICLE 29 - TO FUND THE PURCHASE OF EQUIPMENT FOR THE DEPARTMENT OF PUBLIC WORKS

To see if the Town will vote to transfer from Free Cash the sum of $5,000, from Overlay Surplus the sum of $200,000, from the Sale of Lots and Graves the sum of $195,000 and from the Water Conservation Fund the sum of $110,000 for a total appropriation of $510,000 to fund the purchase of equipment and trucks for various DPW divisions as follow:

Street Sweeper to replace 2009 Elgin	$205,000	Overlay Surplus/Free Cash
Two 60" lawnmowers for Cemetery	$ 30,000	Sale of Lots
F150 with a plow (C-8)	$ 40,000	Sale of Lots
Replace 2001 backhoe	$125,000	Sale of Lots
F250 with utility body and a plow W-1	$ 55,000	Water Conservation
F250 with utility body and a plow W-16	$ 55,000	Water Conservation

Or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 29 Explanation: This article will fund the replacement of old equipment that requires frequent repairs resulting in higher repair cost and maintenance and the loss of productivity while the equipment is unavailable to use.

ARTICLE 30 - TO FUND SEWER INFLOW INFILTRATION

To see if the Town will vote to transfer and appropriate a sum of $237,000 from Inflow Infiltration Funds to fund Phase III of the Inflow Infiltration Plan; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 30 Explanation: We have completed Phase I and Phase II. The work for Phase III will focus on the Shawsheen sewer sub-basin and will include cleaning and TV of sewer lines, root cutting, repairs and joint sealing where required.

ARTICLE 31 - TO AUTHORIZE LEASE/PURCHASE AGREEMENTS

To see if the Town will vote to authorize lease/purchase agreements as follows:

1. Toro Groundmaster 5910 mower with attachments and accessories for a term of three (3) years.

2. Servers for a term up to five (5) years.

Or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 31 Explanation: This article is necessary because pursuant to the provisions of M.G.L. Chapter 44, Section 21C, a lease/purchase agreement must be approved by a two-thirds vote of Town Meeting. The first year appropriation in the amount of $40,000 is included in the FY'20 Cemetery, Parks and Trees Division.

ARTICLE 32 - TO FUND TOWN CAPITAL BUDGETS FROM PREVIOUS TOWN MEETING ARTICLES

To see if the Town will vote to transfer and appropriate from the unexpended balance of a previously approved Town Meeting article to fund various Town Capital Budgets as follows:

From:	To:	Amount:
Article 18 Fall TM Oct 2016 Town Fuel Facility	Article 25 Fall TM Oct 2016 Town Roof Replacement Program	$325,000

Or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 32 Explanation: This article will appropriate funding from previously approved Capital articles with surplus balances to other Capital articles to fully fund those articles.

ARTICLE 33 - TO FUND APPRAISAL AND CONSULTING COSTS TO DEFEND THE TOWN IN TRIALS AT THE MASSACHUSETTS APPELLATE TAX BOARD

To see if the Town will vote to transfer and appropriate from Overlay Surplus the amount of $189,429.39 to fund appraisal and consulting costs to defend the Town in trials at the Massachusetts Appellate Tax Board; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 33 Explanation: The Assessors have several large appeals that require the use of outside consultants and/or appraisers in order to defend the assessed values if tried. Historically, the Town has funded this request through a transfer form Overlay Surplus in order to avoid raising the funds through the Town budget. The Board of Assessors declared $1,189,429.39 as Overlay Surplus on March 15, 2019.

ARTICLE 34 - TO RESCIND BORROWING AUTHORIZATIONS

To see if the Town will vote to rescind borrowing authorizations previously approved at Town Meeting; or act in relation thereto.

Art #1	Special TM June 2002	Water Treatment Plant	$ 426,999
Art #22	Spring TM 2006	Middlesex Road Design	$1,000,000
Art #24	Spring TM 2006	Sewer Contract	$ 500,000
Art #20	Fall TM 2008	Crosby Hill Water Tank	$ 85,300
Art #3	Fall TM 2009	Parker School	$3,611,844
Art #24	Fall TM 2008	Wastewater Treatment Plant	$ 402,784
Art #25	Fall TM 2016	Roof Replacement Program	$ 800,000

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 34 Explanation: This article will rescind previous borrowing authorizations.

ARTICLE 35 - TO ESTABLISH A REVENUE ACCOUNT (PEG ACCESS AND CABLE RELATED FUND)

To see if the Town will vote To see if the Town will vote to accept General Laws Chapter 44, Section 53F3/4 for the purpose of establishing a separate revenue account to be known as the PEG [Public, Educational and Government] Access and Cable Related Fund, into which may be deposited funds received in connection with cable franchise agreements between a cable operator and the Town, for appropriation for cable-related purposes consistent with cable franchise (license) agreements, and in accordance with applicable law, including, but not limited to: (i) support of PEG Access cable television services; (ii) monitoring compliance of a cable operator with a cable television license; and/or (iii) preparing for the renewal of a cable license, with such action to take effect as of the first day of the fiscal year beginning July 1, 2019, and further vote regarding financial funding provisions and/or appropriations as may be needed to effectuate this vote and task, including the transfer of any balance of cable-related funds or receipts held by the Town in any existing revolving fund or other Town account into this new fund; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 35 Explanation: Recent Department of Revenue guidance has determined PEG Access and Cable Related Fees are to be treated as General Fund Revenues, absent a special act treating them otherwise.
In response to this decision, the Legislature has created a number of local option statutes allowing a municipality to segregate these funds into a Special Revenue Fund. This article will accept the statute allowing the Town to establish a Receipts Reserved for Appropriation Account.

ARTICLE 36 – TO FUND THE PURCHASE AND INSTALLATION OF LED STREETLIGHTS

To see if the Town will vote to authorize the Treasurer, with approval of the Board of Selectmen, to borrow under M.G.L. Chapter 44 Sections 7 & 8, or any other relevant statute, the sum of $1,000,000 to be spent under the direction of the Director of Public Works for the purchase and installation of LED streetlights throughout the Town, including any incidental and related costs and expenses. Any premium received by the Town upon the sale of any bonds or notes approved by this vote, less any such premium applied to the payment of the costs of issuance of such bonds or notes, may be applied to the payment of costs approved by this vote in accordance with Chapter 44, Section 20 of the General Laws, thereby reducing the amount authorized to be borrowed to pay such costs by a like amount; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 36 Explanation: This article will provide the spending authority to begin the process of purchasing all the Town's streetlights and replacing them with LED streetlights. The Town has been approved for a MAPC Grant ($179,304) and a Green Communities Grant ($225,098) for this project.
The Town must have an appropriation to cover the total cost of the project. The estimated payback from savings on this project is 1.5 years.

ARTICLE 37 - TO APPROVE A CERTIFIED PROJECT APPLICATION SUBMITTED BY EMD SERONO RESEARCH AND DEVELOPMENT INSTITUTE, INC.

To see if the Town will vote to approve a Certified Project Application submitted by EMD Serono Research & Development Institute, Inc. and EMD Serono, Inc. (collectively, EMD Serono), U.S. affiliates of Merck KGaA, Darmstadt, Germany, 45 Middlesex Turnpike for facilities more specifically described on Assessor's Map 109, Parcel 6-9. Said approval will provide local tax relief to promote economic development in accordance with G.L c.23A, ss 3A-3H; or act in relation thereto. In addition, the Project Certification confirms:

A. The project, as proposed, is consistent with and can reasonably be expected to benefit significantly from inclusion as a Certified Project.

B. The project, as described in the Project Certification Application, will increase employment opportunities for the residents of Billerica by allowing for continued growth and expansion of facilities in Billerica.

C. The Town requests that this project be designated as a certified project for a term of not less than five (5) years or more than twenty (20) years duration.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 37 Explanation: This article requests Town Meeting to approve a certified project application for EMD Serono, a biotechnology company involved in the research and development of drugs for cures to diseases such as cancer. The company will be constructing an expansion to their campus located at 45 Middlesex Turnpike building, and a local TIF Agreement is in negotiation.

ARTICLE 38 – THIS ARTICLE HAS BEEN WITHDRAWN

ARTICLE 39 – THIS ARTICLE HAS BEEN WITHDRAWN

ARTICLE 40 - PROPOSED ZONING MAP CHANGES TO ADD PUD OVERLAY DISTRICT

> To see if the Town will vote to amend the Zoning Map by including the land identified as Billerica Assessor's Map 15, Parcel 132-0, having a present street address of 172 Boston Road, within the Planned Unit Development (PUD) Overlay District; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 40 Explanation: This property is located adjacent to the PUD District, and its addition will allow for more development flexibility in the District.

ARTICLE 41 - TO ACCEPT MASSACHUSETTS GENERAL LAW CHAPTER 138, SECTION 12 B OPERATION OF PREMISES LICENSED TO SELL ALCOHOLIC BEVERAGES; NUDITY

> To see if the Town will vote to accept the provisions of M.G.L. Chapter 138, Section 12B, Operation of Premises Licensed to Sell Alcohol Beverages; Nudity. The acceptance of this local option statute would prohibit any establishment licensed under Section 12, for an alcohol pouring license, from allowing the display of nudity on the licensed premises; or act in relation thereto.

Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 41 Explanation: To see if the Town will vote to accept the provisions of Massachusetts General Law Chapter 138, Section 12B in its entirety.

ARTICLE 42 - TO ACQUIRE A PERMANENT EASEMENT FOR PUBLIC SIDEWALK PURPOSES AT 464 MIDDLESEX TURNPIKE

> To see if the Town will vote to authorize the Board of Selectmen to acquire, by purchase or gift, a permanent easement for public sidewalk purposes at 464 Middlesex Turnpike in the location more or less depicted on a plan entitled: "Assessors Parcel 78-13-3, #464 Middlesex Turnpike, Certified Plot Plan of Land in Billerica (MA), Middlesex County," dated Feb. 14, 2019, prepared by John A. Hammer, III, as on file in the office of the Town Clerk; and to authorize the Selectmen to execute any documents or instruments necessary to effect said acceptance; or act in relation thereto.

Submitted by the Town Manager; authorized the Board of Selectmen

Finance Committee recommends approval.

Article 42 Explanation: This article is intending to modify the right of way to include the sidewalk and other structures by granting the Town an easement.

ARTICLE 43 – THIS ARTICLE HAS BEEN WITHDRAWN

ARTICLE 44 - TO ESTABLISH A POLICY FRAMEWORK FOR REPORTING OPIOID-RELATED SUBSTANCE OVERDOSE STATISTICS AND ISSUANCE OF EMERGENCY PUBLIC ADVISORY WARNINGS

To see if the Town will vote to resolve to establish a policy framework for reporting local opioid-related substance use overdose statistics on a monthly basis on the Town's Substance abuse Committee Web Page and;

be it further resolved that the Town memorialize the policy of issuing emergency public advisory warnings to the residents when there is a change in overdose circumstances that presents an immediate increase in harm to public safety or a related spike in Town, and;

be it further resolved that these warnings be posted on all social media venues available to the Town including but not limited to Facebook, Twitter and Next Door to better serve the community and save lives;

or act in relation thereto.

Submitted by the Substance Abuse Prevention Committee

Finance Committee recommends approval.

Article 44 Explanation: This article was submitted in collaboration between the Substance Abuse Committee, the Town Manager's Office and the Police Department to bring more attention to trends in opioid use within our community and to raise awareness when there is a spike in overdose activity or a significant increase in danger to public health and safety due to recent drug activity – a warning system.

ARTICLE 45 - PETITIONERS ARTICLE

To see if the Town will vote to approve a Billerica Overdose Action Alert (BOAA):

> When there is a spike in overdoses within a 48-72 hour period, Billerica Police Department, in connection with Billerica Substance Use Prevention, shall issue an emergency warning to the public. Additionally, the total number of overdoses, fatal and non-fatal, together with the number narcan deployments, shall be published publicly, on a monthly basis; or act in relation thereto.

Submitted by Dina Favreau and Messrs. Giroux, Gagliardi, Curran, Panzeri, Domina, Reef, Brown and Madames Conway, Giroux, Gagliardi, Lenz-Abrams, Panzeri and Domina.

Finance Committee recommends approval.

ARTICLE 46 - PETITIONERS ARTICLE

To see if the Town of Billerica will amend the General By-Laws to include a Single Use Plastic Bag Reduction Regulation

Section 1. Definitions

1.1 ***Grocery Store**:* A retail establishment where more than fifty percent (50%) of the gross floor area is devoted to the sale of food products for home preparation and consumption, which typically also offers home care and personal care products.

1.2 ***Retail Store**:* An establishment that offers the sale and display of merchandise within a building.

1.3 ***Reusable Checkout Bag**:* A bag, with handles, that is specifically designed for multiple uses and is made of thick plastic (3.0 mils or thicker), cloth, fabric or other durable nontoxic materials.

1.4 **Checkout Bag**: A carryout bag with handles provided by a Retail Establishment to a customer at the point of sale. A check out bag shall NOT include:

a) Bags, whether plastic or not in which produce or products are placed by a consumer to deliver such items to the point of sale or check out area of a retail establishment.
b) Laundry or dry cleaning bags
c) Newspaper bags
d) Bags used to contain or wrap frozen foods, meats, and fish to prevent or contain moisture

1.5 ***Thin Film Single Use Plastic Bag**:* Typically, a carryout bag with plastic handles that is provided by a store to a customer at the point of sale. These are bags with a thickness of 2.9 mils or less and are intended for single-use transport of purchased products.

Section 2. Use Regulations

2.1 Thin-film single-use plastic bags shall not be distributed, used, or sold for checkout or other purposes at any retail or grocery store within the Town of Billerica .

2.2 Other bags not defined as checkout bags are still permissible.

2.3 Customers are encouraged to bring their own reusable or biodegradable shopping bags to retail and grocery stores. Retail or grocery stores should make reusable checkout bags available for sale to customers at a reasonable price.

2.4 Grocery stores and retail stores shall provide education to consumers on maintaining reusable bags in a clean and sanitary manner.

Section 3. Enforcement

Enforcement of this Regulation shall be the responsibility of the Health Director or an agent of the Board of Health. The Health Director shall determine the inspection process to be followed, incorporating the process into other Town duties as appropriate by policy. Any retail or grocery store distributing plastic grocery bags in violation of this Regulation shall be subject to a non-criminal disposition fine as specified in Appendix A of the Regulations for Enforcement of Town By-Laws under M.G.L. Chapter 40, §21D as follows:

1st offense – written warning
2nd offense – two hundred (200) dollar fine
3rd and subsequent offense – three hundred (300) dollar fine

Section 4. Date

This regulation would go into effect on July 1, 2020.

Submitted by Lisa O'Connor and Messrs. Reef, Vitale, Mason, Tribou, Learned, Abrams, Reddin, Giroux, Kleschinsky and Madames Giroux, Leger, Abrams, Reddin, Favreau, Noel and Wright.

Finance Committee recommends approval.

ARTICLE 47 - PETITIONERS ARTICLE

To see if the Town will vote to petition a Special Act of the General Court to grant an additional All Alcohol Package Store License for Nilkanth Store, LLC at 816 Boston Road, Billerica, MA 0182l; or act in relation thereto.

Submitted by Dane Bertrand and Messrs. Daens, Pennie, Dodge, Scola, Howard, Merservey, Thompson, Delgado and Madames Laux and Infurna.

Finance Committee recommends approval.

Appendix A

Town Budget Financial Reports and Analysis

Fiscal Year 2020 Financial Outlook

An analysis of the health of Town Revenue Resources and anticipated significant cost drivers in the future.

The Town remains very strong financially. It is currently rated Aa2 by Moody’s and a AA+ by S&P –

> *“The Aa2 rating reflects the town's sizeable tax base with above average wealth and income levels, healthy financial position and manageable pension liability. The rating also incorporates a substantial increase in the debt burden which, taking into account the current issuance, is elevated for the rating category. – Moody’s*

The town's strong fiscal management bolsters the stable financial position and helps mitigate the increased debt burden.” As noted by Moody’s, The Town issued a significant note within the last two years for $90 million for its’ new high school however the Town’s strong financial management enabled it to receive an elevated rating in spite of its’ outstanding debt of $159.6 million.

Revenue
The Town has an excess levy capacity of $16 million. This puts the Town in an excellent position for revenue resources in the foreseeable future. The significance of this may be better recognized by comparing this to the value of an equity loan. Homeowner’s often seek a preapproved line of credit to do repairs or finance another family endeavor. It is often used in emergency cases.

Similarly, Towns with excess capacity have a line of credit to tap into if additional revenues are needed. For example, funding debt on a large building project might exceed the revenue provided by proposition two and a half. In this case a town can tap into excess revenue capacity for this purpose. Towns that do no not have excess capacity do not have revenue for these purposes. Their only recourse is to seek a proposition two and a half override.

Additionally, the Town has been experiencing record new growth over the past nine years. The five year average new growth is the highest it has been – $2.7 Million. Seventy Two percent of all costs are funded through the tax levy. The levy is the most dependable and predictable source of revenue. In Billerica’s case the levy has grown 7.46% as an average in the last five years. Last year’s levy grew by $8.8 million.

In addition the Town Receives local aid (state monies) and local receipts (town fees, building, excise, etc.). Local Aid is stable but it does not grow significantly. The state has not increased this funding significantly since 2013. Historically the state reduces local aid in a down economy. Consequently, Billerica uses the same number every year and for forecasting purposes. The Town currently receives approximately $26 million in local aid.

The Town also receives local receipts that fund the general fund in the amount of $12 million and another $4.8 million and $5 million that fund the water and sewer enterprise funds respectively. Local receipts on average have increased 5.5% over the past five years. Water rates are slated to increase 3% a year to fund a $50 million capital improvement plan and wastewater rates are recommended for 6 to 7 percent increases to fund the Town's $240 Comprehensive Wastewater Management Plan which includes expanding the sewer collection system for the last 25% of the Town.

The future outlook for revenue expectations is very positive. EMD Sorono is investing $70 million in a state-of-the-art research and development facility and they are forecasting the creation of over 50 new jobs. Clear Motion is moving into building that has been vacant over 10 years. They are investing $10 Million into the site and 195 jobs are moving into Billerica with an expectation of 300 over several years.

There are several new multifamily housing units in various stages of development. Alpine Village is nearly complete with 178 units – 117 are occupied, Aspen Village is completing the fourth building of the first phase and has just completed the foundation on four new buildings of phase two. The developer has completed 144 of the 384 units. Broadstone Development has received a special permit for the construction of 212 units expected to commence in the spring of 2019. Hawthorne Senior Living is permitted to build 151 units and is scheduled to open in the fall of 2019.

All of these projects and several others that are in the permit pipeline ensure that Billerica's revenue base for the future will remain strong and continue to grow.

Costs and Investments

Costs

The strong revenue picture positions the Town well to handle many of the projected costs and investments ahead for the Town. The operating costs have several big drivers. Pension costs are on payment schedule to be fully vested by 2035. Each year the projected increase for pension costs is 6% out to 2024 and then the increase will dissipate out to 2035.

The OPEB liability for the Town was as high as $272 million. It is currently at $215 million due primarily to two policies enacted by the Town. The first stops the practice of 90% health care coverage for retirees hired after July 1, 2016. The second was an annual appropriation starting at

$1 million scheduled to increase by 15% every year. This policy was adopted at the same time the meals tax was adopted by the Town. In the 2020 budget the Town has appropriated $1,322,500. The meals tax revenue is over $500,000 annually.

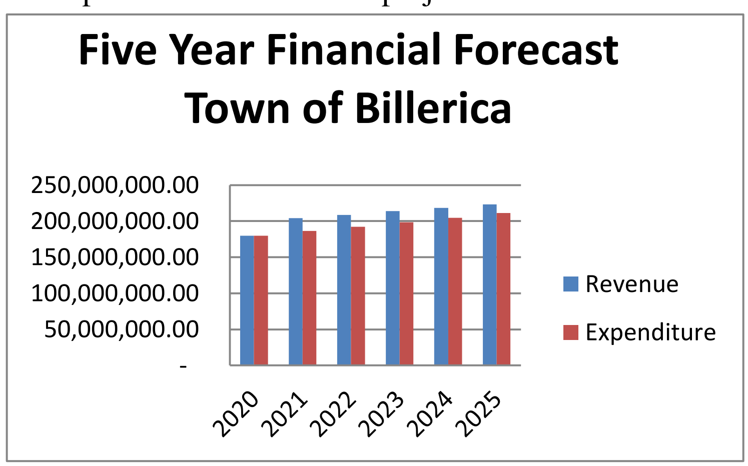
The Health Insurance has increased 2.98% on average in the last five years. According to the Massachusetts Division of Insurance, the average health plan will increases by 4.27% next year. The Town continues to remain competitive

All Town labor contracts have for the most part settled for 2% annually and this trend is expected to continue into the near future.

Investments
Long Term Investments include the continued commitment to the new Billerica Memorial High School. The Town has issued $90 million in debt and will issue an additional $10 million when the project is complete. The Town has also issued debt for the ongoing sewer expansion program. All of these debt costs are being controlled by the implementation of a Debt Stabilization Fund and Policy. This involves the Town putting away funds over time to pay $52 million in debt service over 20 years. This will help to reduce the impact these projects have on the tax rate.

The Town is engaged in a design study of the Engine 3 station house to see what would be needed to rehabilitate the facility. This is potentially a $10 million cost. Additionally the Town is studying the potential for a new Public works facility – this is a potential $30 million project.

The Town appropriates $1 million annually for capital and infrastructure projects around Town. Additionally the Town receives approximately $1.2 million in Chapter 90 funds from the state for roadway improvements.

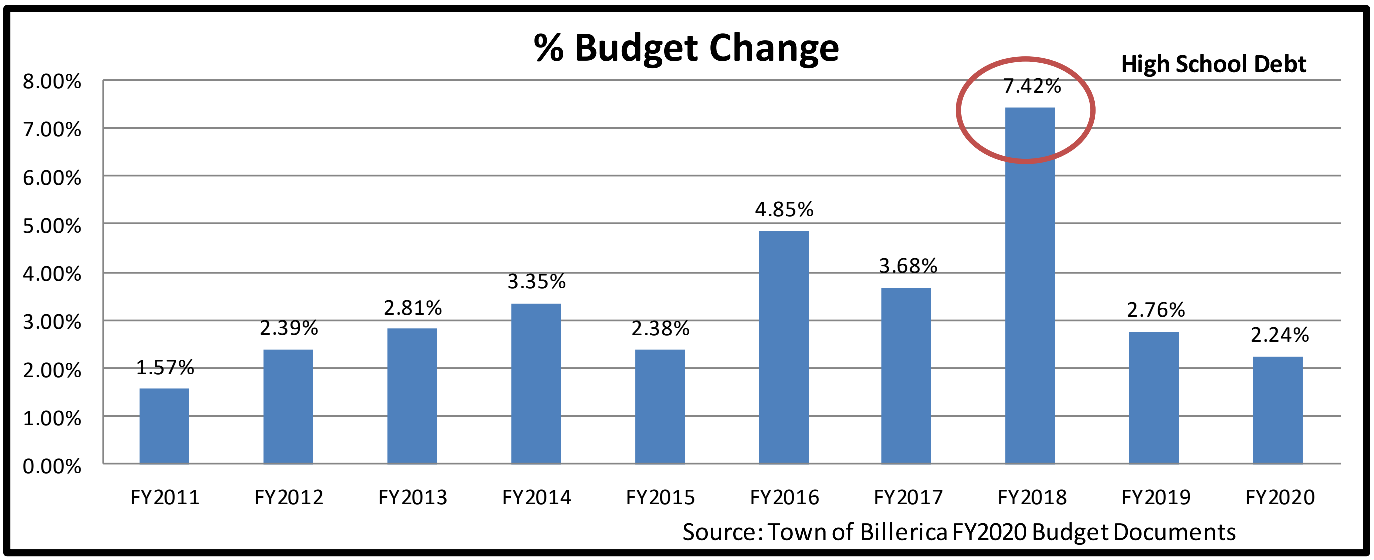


Five Year Forecast
Factoring all of these anticipated revenues and expenditures shows the Town in an excellent position to continue investing in infrastructure and controlling costs. More detail of this analysis can be seen on page 45 of this report.

Fiscal Year 2020 Budget Summary

Fiscal Year 2020 Budget Summary

Department	FY2018 BUDGET	FY2019 BUDGET	FY2020 BUDGET	$ INC/DEC	% INC/DEC
General Government	$ 5,091,894	$ 5,505,266	$ 5,591,695	$ 86,429	1.57%
Public Safety	18,764,189	18,890,202	19,808,285	918,083	4.86%
Public Works	7,792,330	8,147,893	8,375,556	227,663	2.79%
Library and Recreation	1,932,609	2,078,090	2,049,503	(28,587)	-1.38%
Human Services	1,033,072	925,295	937,161	11,866	1.28%
Total Town Departments	34,614,094	35,546,746	36,762,200	1,215,454	3.42%
Billerica Public Education	61,423,060	62,510,708	65,258,421	2,747,713	4.40%
Shawsheen Technical	10,579,268	10,917,388	10,256,850	(660,538)	-6.05%
Total Education	$ 72,002,328	$ 73,428,096	$ 75,515,271	$ 2,087,175	2.84%
Town/School Shared Costs	**39,600,881**	**41,660,195**	**41,657,250**	**(2,945)**	**-0.01%**
TOTAL	**$ 146,217,303**	**$ 150,635,037**	**$ 153,934,721**	**$ 3,299,684**	**2.19%**
Water Enterprise Fund Budget	**$ 5,986,425**	**$ 6,188,894**	**$ 6,276,034**	**$ 87,140**	**1.41%**
Wastewater Enterprise Fund Budget	**$ 8,509,004**	**$ 8,327,388**	**$ 8,641,118**	**313,730**	**3.77%**
Total Budgets	**$ 160,712,732**	**$ 165,151,318**	**$ 168,851,872**	**$ 3,700,554**	**2.24%**



Financial Recap FY20

TOWN OF BILLERICA FINANCIAL RECAP FISCAL YEAR 2020 FALL					Page 1
	FINAL BUDGET FY16	FINAL BUDGET FY17	FINAL BUDGET FY18	FINAL BUDGET FY19	FINAL BUDGET FY20
USES OF FUNDING (AMOUNTS TO BE RAISED):					
APPROPRIATIONS:					
GENERAL FUND BUDGET (Includes all TM R&A)	120,579,082.40	126,059,929.00	135,428,992.00	139,125,590.00	142,013,204.65
Water Enterprise Budget	6,186,493.00	6,033,655.51	5,986,507.83	6,188,893.61	6,292,513.99
Water Enterprise Capital Budget	305,518.00				
Wastewater Enterprise Budget	8,032,795.00	7,696,146.04	8,459,132.00	8,327,388.00	8,641,118.00
TRANSFER	301,747.00				
Spring Article 4 FF Contract Overlay	300,000.00				
Spring Article 12 Overlay	150,000.00				
Spring Article 10 Water Conservation Rebates	75,000.00				
Fall STM ARTICLE 13, Debt Stabilization	1,800,000.00				
Fall STM ARTICLE 14, School Capital	700,000.00				
Fall STM ARTICLE 16, Storm Water Capital	500,000.00				
Fall STM ARTICLE 17, Yankee Doodle Bikepath	190,000.00				
Fall STM ARTICLE 19, Town Capital	701,000.00				
Fall STM ARTICLE 20, OPEB	500,000.00				
Fall STM ARTICLE 21, Snow and Sand Deficit	600,000.00				
Fall STM ARTICLE 23, Assessors Consultant	89,000.00				
Fall STM ARTICLE 13, Free Cash to Debt Stabilization		1,800,000.00			
Fall STM ARTICLE 14, Town Capital Budget		1,048,000.00			
Fall STM ARTICLE 15, School Capital Budget		500,000.00			
Fall STM ARTICLE 16, Purchase Ambulance and Retrofit Garage		425,000.00			
Fall STM ARTICLE 17, Fire Station Feasibility Study		100,000.00			
Fall STM ARTICLE 18, Town Vehicles Fuel Facility		1,500,000.00			
Fall STM ARTICLE 19, Yankee Doodle Bikepath		450,000.00			
Fall STM ARTICLE 20, Aquatic Treatment of Nuttings Lake		35,000.00			
Fall STM ARTICLE 22, Water Mains Replacement		500,000.00			
Spring 2017 ATM, Article 3, Budget Transfer			100,000.00		
Spring 2017 ATM, Article 4, SEIU Contract ($48,000 in budget)					
Spring 2017 ATM, Article 5, EMT and Paramedics Contract			26,500.00		
Spring 2017 ATM, Article 6, IUPE Contract			35,000.00		
Spring 2017 ATM, Article 13, By-Law Employees COLA			47,500.00		
Spring 2017 ATM, Article 20, Overlay Fund to Debt Stabilization			1,200,623.00		
Spring 2017 ATM, Article 21, Overlay to Fund Town Capital			504,000.00		
Fall 2017 STM, Article 8, IAFF Dispatchers ($17,150 in budget)			6,625.00		
Fall 2017 STM Article 14, Town Capital Budget			2,919,000.00		
Fall 2017 STM, Article 15, School Capital Budget			1,000,000.00		
Fall 2017 STM, Article 16, WWTP Bob Cat			50,000.00		
Fall 2017 STM, Article 18, Hydrants and Gates			200,000.00		
Fall 2017 STM, Article 23, Free Cash to Debt Stabilization			1,800,000.00		
Fall 2018 STM, Article 3, CBA School Admin Raise and Appropriate					
Spring 2018 STM, Article 17, Debt Stabilization Overlay Surplus				55,264.87	
Spring 2018 STM, Article 19, Water RE Pump At Intake				41,000.00	
Spring 2018 STM, Article 20, I/I Manholes				50,000.00	
Spring 2018 STM, Article 21, Street Survey Overlay Surplus				50,000.00	
Spring 2018 STM, Article 22, Assesors Consulting Overlay Surplus				50,000.00	
Spring 2018 STM, Article 23, Assesors Revalue Consulting Overlay Surplus				132,000.00	
Spring 2018 STM, Article 24, Reallocate various articles				242,384.00	
Spring 2018 STM, Article 25, Ambulance Free Cash				250,000.00	
Spring 2018 STM, Article 31, Carter Ave Overlay Surplus				286,000.00	
Spring 2018 STM, Article 6 BMEA Contract Free Cash				137,453.00	
Spring 2018 STM, Article 6 BMEA Contract Water RE				82,917.00	
Spring 2018 STM, Article 6 BMEA Contract Wastewater RE				49,872.00	
Spring 2018 STM, Article 6 BMEA Contract Water and Wastewater Raise and Appropriate (general budget levy)				218,804.00	
Fall 2018 STM, Article 3, CBA School Admin Raise and Appropriate $57,387 (in budget above)					
Fall 2018 STM, Article 8, Fund NEPBA Civilian Dispatch 24,904 through Free Cash				24,904.00	
Fall 2018 STM, Article 8, Fund NEPBA Civilian Dispatch $24,543 through Raise and Appropriate (in budget above)					
Fall 2018 STM, Article 12, Free Cash to Debt Stabilization				1,300,000.00	
Fall 2018 STM Article 14, Town Capital Water RE				975,000.00	
Fall 2018 STM Article 14, Town Capital Watewater RE				525,000.00	
Fall 2018 STM Article 14, Town Capital Free Cash				50,000.00	
Fall 2018 STM Article 15, School Capital				1,400,000.00	
Fall 2018 STM Article 16, Sewer Covers I/I				50,000.00	
Fall 2018 STM Article 17, Whipple and Andover				400,000.00	
Fall 2018 STM Article 18, Frost Street Phase II				500,000.00	
Fall 2018 STM Article 25, CPA Artice				1,605,141.00	
Fall 2018 STM Article 29, Sewer Hook Up Loan Program				200,000.00	
Teacher's Contract					800,000.00
CPA Budget Article			700,000.00	900,000.00	900,000.00
TOTAL APPROPRIATIONS	**141,010,635.40**	**146,147,730.55**	**158,463,879.83**	**163,717,611.48**	**158,646,836.65**

OTHER LOCAL EXPENDITURES / DEFICITS:					
TAX TITLE PURPOSES		25,000.00	25,000.00	50,000.00	50,000.00
CHARTER SCHOOL ASSESSMENT					
SCHOOL CHOICE					
COUNTY RETIREMENT	9,204,554.00	9,826,635.00	10,788,311.00	11,509,447.00	11,921,516.00
DEBT & INTEREST		167,000.00			
FINAL JUDGMENTS		60,000.00	60,000.00	60,000.00	60,000.00
OVERLAY DEFICITS					
CHERRY SHEET OFFSETS	60,000.00	45,930.00	47,593.00	50,131.00	50,131.00
REVENUE DEFICIT	46,409.00				
SNOW / ICE DEFICIT	589,103.00	376,878.00	903,739.00	939,585.00	600,000.00
PROJECTED SNOW / ICE REIMBURSEMENT					
OVERLAY RESERVE	2,809,476.36	3,190,508.64	2,796,504.85	3,125,621.55	3,125,621.55
OTHER - MEDICARE/UNEMPLOYMENT					
OTHER - UNFORESEEN CHARGES/ASSESSMENTS				46,592.00	
TOTAL OTHER LOCAL EXPENDITURES	**12,709,542.36**	**13,691,951.64**	**14,621,147.85**	**15,781,376.55**	**15,807,268.55**
STATE AND COUNTY CHARGES	**5,873,560.00**	**5,591,126.00**	**5,258,306.00**	**5,219,905.00**	**5,403,227.00**
TOTAL USES OF FUNDING	**159,593,737.76**	**165,430,808.19**	**178,343,333.68**	**184,718,893.03**	**179,857,332.20**

	FINAL BUDGET FY16	FINAL BUDGET FY17	FINAL BUDGET FY18	FINAL BUDGET FY19	FINAL BUDGET FY20
SOURCES OF FUNDING :					
AMEND PY NEW GROWTH		321,328.00	28,203.00	279,327.00	
PROPERTY TAXES 2 1/2 LEVY LIMIT	114,615,719.00	120,397,154.00	126,107,679.00	132,428,590.00	138,304,396.00
NEW GROWTH	2,523,591.00	2,606,525.00	2,811,618.00	2,502,528.00	750,000.00
AMEND PY NEW GROWTH					
TOTAL PROPERTY TAXES	**117,139,310.00**	**123,003,679.00**	**128,919,297.00**	**134,931,118.00**	**139,054,396.00**
ADD CPA					
ADD DEBT EXCLUSION	1,867,362.50	1,742,363.00	6,412,498.00	6,655,532.23	5,734,781.73
DOR ROUNDING					
LESS EXCESS LEVY CAPACITY	-9,242,752.00	-9,972,702.00	-12,693,601.00	-16,559,324.45	-15,749,385.00
WATER LEVY	1,986,493.00	1,758,655.51	1,586,507.83	1,388,893.61	1,492,513.99
SEWER LEVY	4,257,795.00	3,921,146.04	4,259,132.00	3,327,388.00	3,641,118.00
GENERAL FUND LEVY	103,519,632.50	109,093,538.45	116,792,554.17	120,311,044.17	123,906,160.74
TOTAL PROPERTY TAXES - ADJUSTED	**109,763,920.50**	**114,773,340.00**	**122,638,194.00**	**125,027,325.78**	**129,039,792.73**
SOURCES OF FUNDING (cont):					
STATE ESTIMATED REVENUES:					
CHAPTER 70 - SCHOOL AID	18,620,584.00	18,904,494.00	19,055,514.00	19,202,874.00	19,300,194.00
CHARTER TUITION ASSESSMENT REIMBURSEMI	381,146.00	190,893.00	142,880.00	131,271.00	130,120.00
SCHOOL LUNCH - OFFSET					
LOTTERY	5,368,038.00	5,598,864.00	5,817,220.00	6,020,823.00	6,183,385.00
VETERANS' BENEFITS	473,696.00	386,332.00	333,206.00	302,335.00	305,950.00
EXEMPTIONS - VETS, BLIND & SURVIVING SPOU	234,621.00	233,585.00	247,065.00	237,951.00	248,042.00
STATE OWNED LAND	102,465.00	101,246.00	101,149.00	126,590.00	137,082.00
PUBLIC LIBRARIES - OFFSET	46,409.00	45,930.00	47,593.00	50,131.00	50,649.00
TOTAL STATE ESTIMATED REVENUES	**25,226,959.00**	**25,461,344.00**	**25,744,627.00**	**26,071,975.00**	**26,355,422.00**
LOCAL ESTIMATED REVENUES:					
MOTOR VEHICLE EXCISE	5,400,000.00	5,800,000.00	5,900,000.00	6,300,000.00	6,300,000.00
OTHER EXCISES (HOTEL/MOTEL)	925,000.00	925,000.00	1,500,000.00	1,500,000.00	1,500,000.00
PENALTIES & INTEREST	350,000.00	350,000.00	350,000.00	350,000.00	350,000.00
P.I.L.O.T.	38,000.00	38,000.00	38,000.00	40,000.00	40,000.00
CHARGES FOR SERVICES - WATER					
CHARGES FOR SERVICES - SEWER					
FEES (Includes Ambulance Receipts)	2,050,000.00	2,000,000.00	2,050,000.00	2,500,000.00	2,500,000.00
DEPARTMENTAL REVENUE-LIBRARY	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00
DEPARTMENTAL REVENUE-CEMETERY	110,000.00	125,000.00	110,000.00	110,000.00	110,000.00
OTHER DEPARTMENTAL REVENUE	250,000.00	250,000.00	250,000.00	250,000.00	250,000.00
LICENSES & PERMITS	675,000.00	660,000.00	675,000.00	675,000.00	675,000.00
FINES & FORFEITS	125,000.00	125,000.00	125,000.00	125,000.00	125,000.00
INTEREST EARNINGS	200,000.00	200,000.00	200,000.00	225,000.00	225,000.00
MISC. STATE AND OTHER REVENUE	200,000.00	150,000.00	150,000.00	125,000.00	125,000.00
NON RECURRING REVENUE		25,000.00			
TOTAL LOCAL ESTIMATED REVENUES	**10,332,000.00**	**10,657,000.00**	**11,357,000.00**	**12,209,000.00**	**12,209,000.00**

TOWN OF BILLERICA FALL FINANCIAL RECAP FISCAL YEAR 2020

 Page 3

	FINAL BUDGET FY16	FINAL BUDGET FY17	FINAL BUDGET FY18	FINAL BUDGET FY19	FINAL BUDGET FY19
ENTERPRISE REVENUE					
CHARGES FOR SERVICES - WATER	4,200,000.00	4,275,000.00	4,400,000.00	4,800,000.00	4,800,000.00
CHARGES FOR SERVICES - WATER BACKFLOW	305,518.00				
CHARGES FOR SERVICES - NEW REVENUE					
CHARGES FOR SERVICES - SEWER	3,775,000.00	3,775,000.00	4,200,000.00	5,000,000.00	5,000,000.00
TOTAL ENTERPRISE REVENUES	**8,280,518.00**	**8,050,000.00**	**8,600,000.00**	**9,800,000.00**	**9,800,000.00**
OTHER AVAILABLE FUNDS:					
CPA REVENUE			700,000.00	900,000.00	900,000.00
CPA Appropriation				1,605,141.00	
WASTE WATER PLANT EXPANSION FUND		375,000.00			
WASTE WATER INFLOW / INFIL. FUND		140,000.00		100,000.00	
WATER CONSERVATION FUND	75,000.00				
PREVIOUS WARRANT ARTICLES					
SALE OF LOTS & GRAVES TRUST					
DEBT STABILIZATION APPROPRIATION			1,400,000.00	1,625,000.00	1,425,000.00
FREE CASH	5,080,000.00	3,981,914.00	5,719,000.00	3,874,904.00	
FREE CASH May				387,453.00	
WATER ENTERPRISE RETAINED EARNINGS		782,000.00	200,000.00	1,098,917.00	
WASTEWATER ENTERPRISE RETAINED EARNINGS		1,079,086.00	50,000.00	1,074,872.00	
OVERLAY SURPLUS	450,000.00		1,704,623.00	573,264.87	
RINK REVOLVING FUND	83,594.00	131,125.00	129,890.00	128,656.00	128,656.00
Reauthorization of Old Articles DPW Trucks				242,384.00	
LAND FUND					
MISC. REVENUE FUNDS					
BUDGET TRANSFERS	301,747.00		100,000.00		
CHAPTER 90 - HIGHWAY					
TOTAL OTHER AVAILABLE FUNDS	**5,990,341.00**	**6,489,125.00**	**10,003,513.00**	**11,610,591.87**	**2,453,656.00**
TOTAL SOURCES OF FUNDING	**159,593,738.50**	**165,430,809.00**	**178,343,334.00**	**184,718,892.65**	**179,857,870.73**

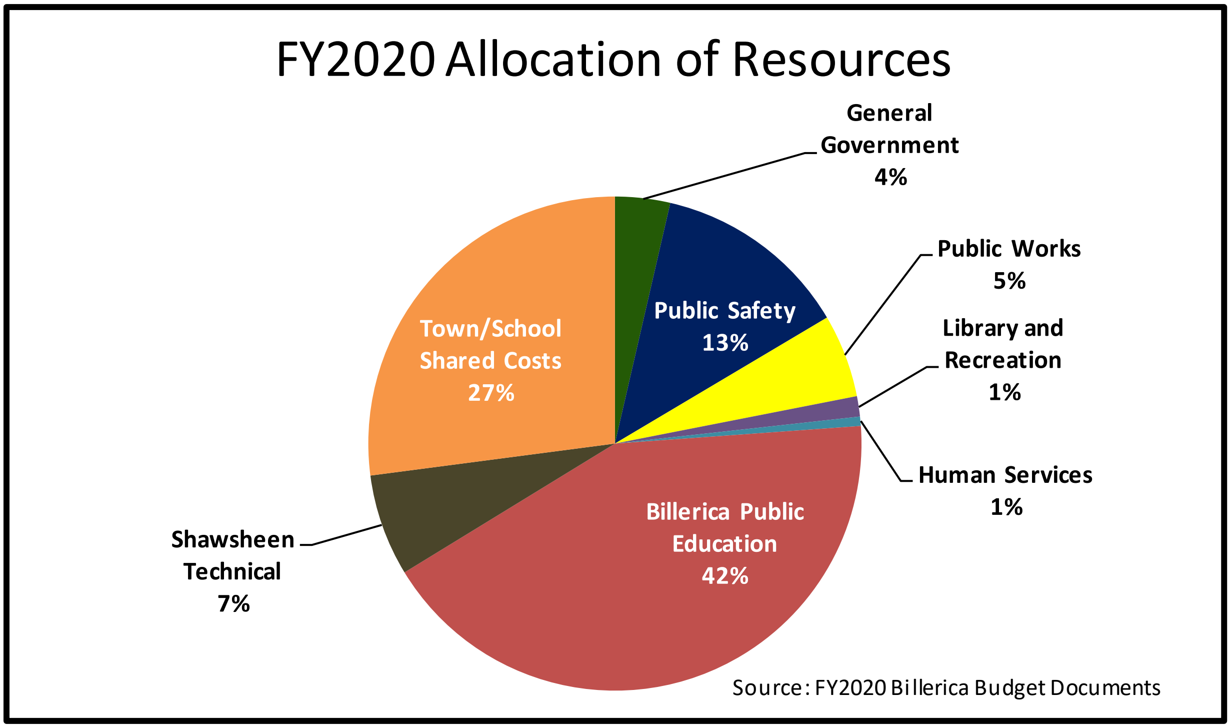
Financial Recap FY20

TOWN OF BILLERICA FINANCIAL RECAP FISCAL YEAR 2020 FALL
Summary Table

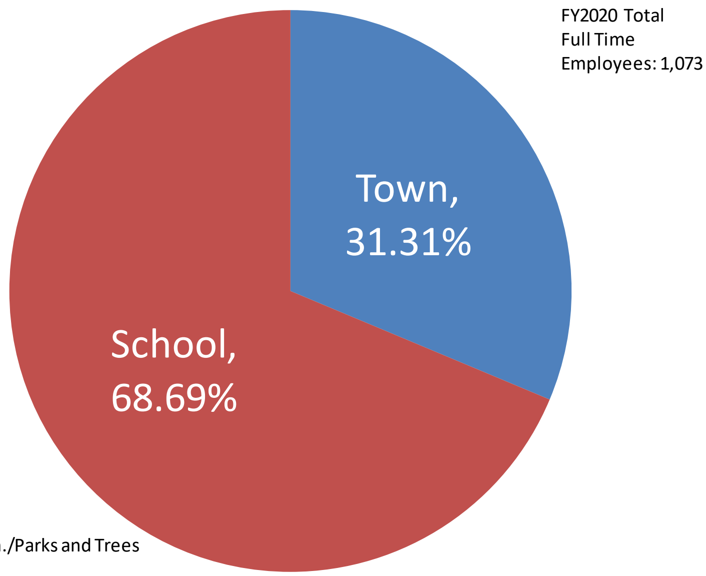
Uses of Funding	
FY2020 Budget	$ 153,934,721.00
Water Enterprise Budget	6,292,514.00
Wastewater Enterprise Budget	8,641,118.00
Snow and Ice Deficit Projection	600,000.00
Overlay Appropriation	3,125,622.00
State and County Assessments	5,403,227.00
Free Cash Warrant Articles	800,000.00
CPA Appropriation	900,000.00
Other Funded Items	100,131.00
Final Judgements	60,000.00
Total FY2020 Uses of Funding	**$ 179,857,333.00**

Sources of Funding	
Total Property Taxes	$ 129,039,793.00
Local Aid	26,355,422.00
Local Receipts	12,209,000.00
Water Enterprise Receipts	4,800,000.00
Wastewater Enterprise Receipts	5,000,000.00
CPA Revenue	900,000.00
Miscellaneous Funds	1,425,000.00
Rink Revolving Fund	128,656.00
Total FY2020 Sources of Funding	**$ 179,857,871.00**
Difference	**$ 538.00**

Allocation of Resources FY20

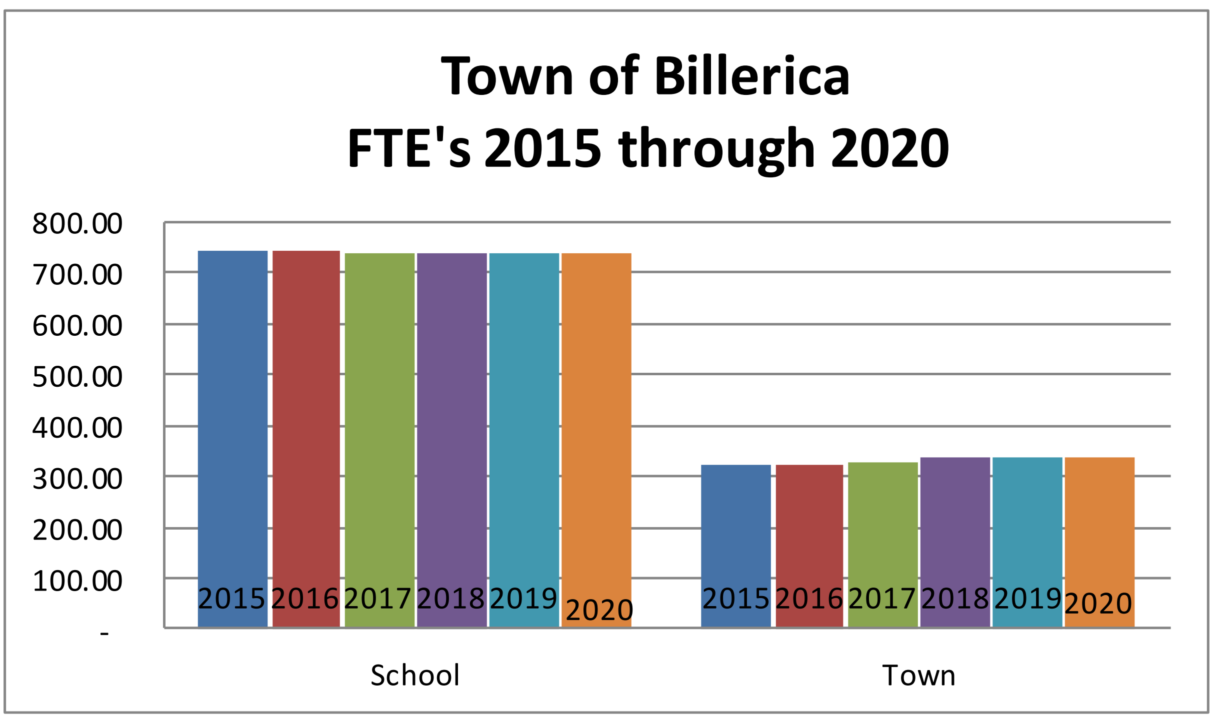


FTE Analysis

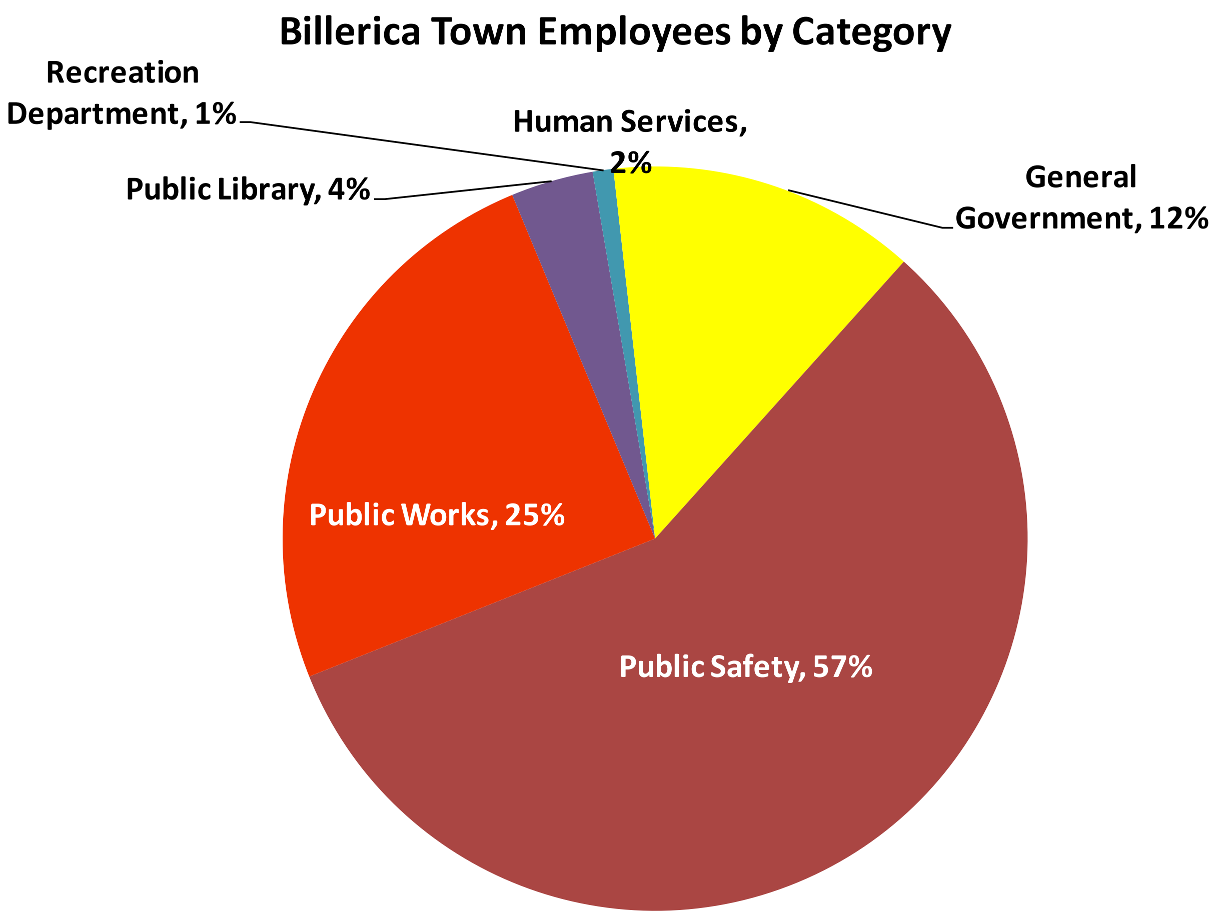


2 Maintenance Craftsman - Recreation./Parks and Trees
1 Working Foreman - Parks and Trees
1 HMEO - Parks and Trees
(2) Associate Assessors

Source: FY2020 Billerica Budget Documents



FTE Analysis

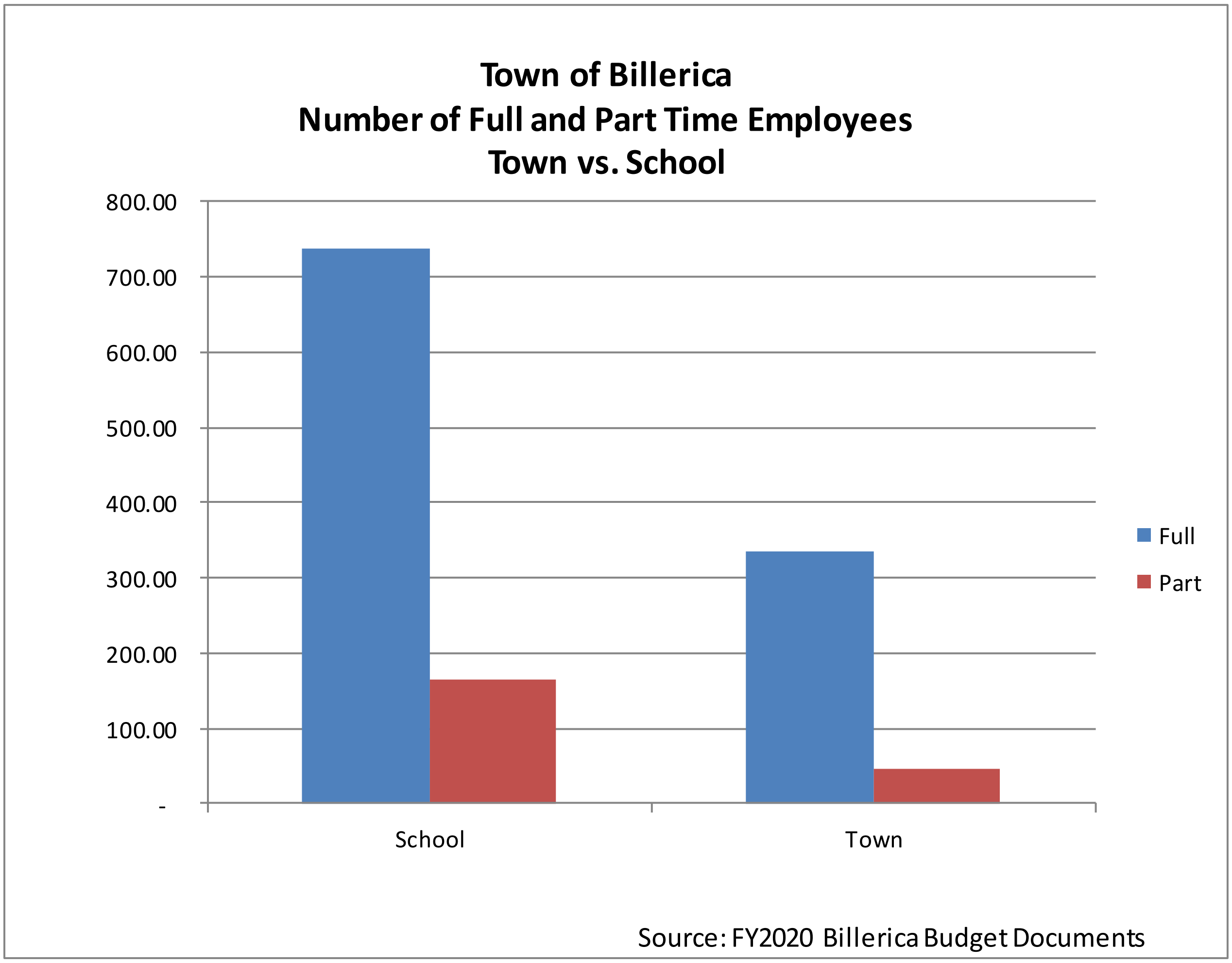


Source: FY2020 Billerica Budget Documents

Billerica Town Employees by Category
Fiscal Year 2019

	FTEs	Percentage
General Government	37	12%
Public Safety	192	57%
Public Works	85	25%
Public Library	12	4%
Recreation Department	4	1%
Human Services	6	2%
Total	336	100%

FTE Analysis



Town of Billerica
Number of Employees

	School	Town	Total
Full	737.00	336.00	1,073.00
Part	166.00	46.00	212.00
Total	903.00	382.00	1,285.00

FTE Analysis

Town of Billerica
Number of FTEs

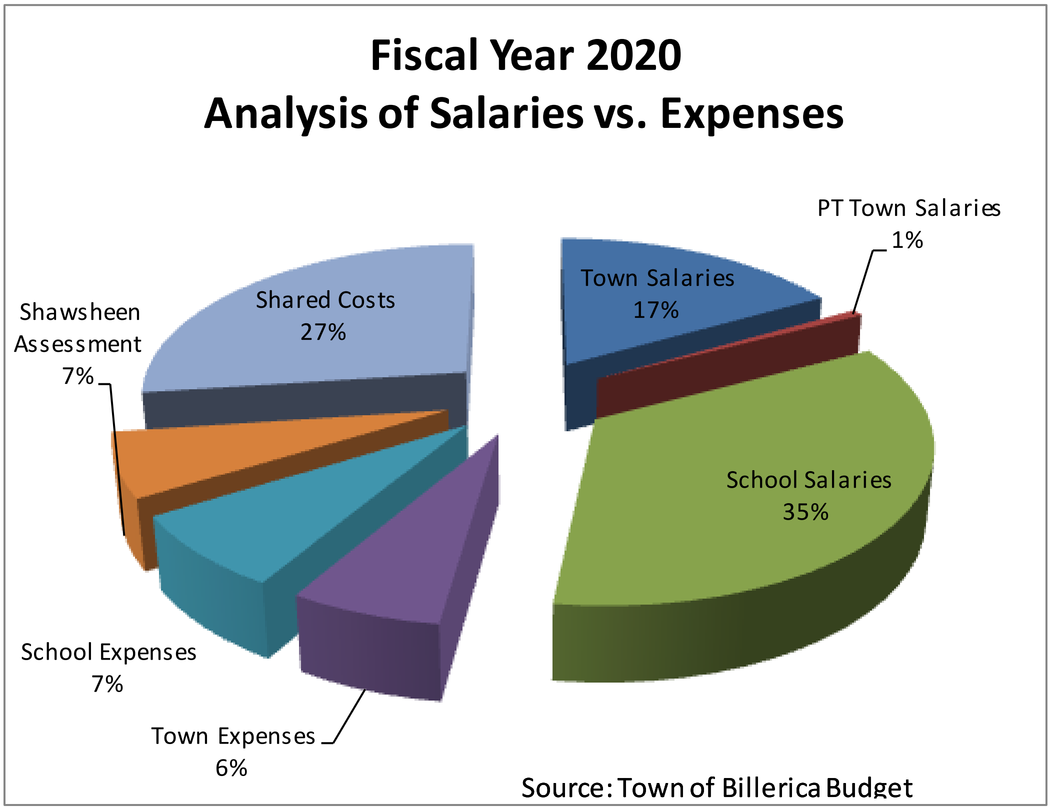
	School	Town	Total
2015	741.00	322.00	1,063.00
2016	741.00	322.00	1,063.00
2017	737.00	329.50	1,066.50
2018	737.00	335.00	1,072.00
2019	737.00	336.00	1,073.00
2020	737.00	336.00	1,073.00

FY20 Budget Summary By Cost Center

FISCAL YEAR 2020 BUDGET SUMMARY BY COST CENTER

		FY2018 BUDGET	FY2019 BUDGET	FY2020 BUDGET	$ INC/DEC	% INC/DEC	% Budget
ersonnel							
5110	Personnel	19,094,438	19,737,527	20,505,591	768,064	3.89%	13.32%
5120	Permanent Part Time	898,163	978,181	1,036,185	58,004	5.93%	0.67%
5132	Flushing Program	-	-	-	-	0.00%	0.00%
5150	Temporary/Seasonal	-	-	-	-	0.00%	0.00%
5130	Overtime	1,726,647	1,819,548	1,964,125	144,577	7.95%	1.28%
5131	Snow Overtime	70,000	70,000	70,000	-	0.00%	0.05%
5190	Contractual Obligations	3,059,359	3,186,775	3,224,136	37,361	1.17%	2.09%
xxxx	Contract Settlements	-	11,000	-	(11,000)	-100.00%	0.00%
5166	School Salaries	49,850,259	50,784,651	53,532,364	2,747,713	5.41%	34.78%
	Total Salaries	74,698,865	76,587,682	80,332,401	3,744,719	4.89%	52.19%
xpenses							
5200	Contract Services/Leases	1,745,453	1,820,668	1,895,877	75,209	4.13%	1.23%
5400	Supplies & Expenses	2,146,945	1,848,326	1,835,436	(12,890)	-0.70%	1.19%
5256	Utilities	413,810	409,490	409,490	-	0.00%	0.27%
****	Other Expenses	707,320	967,322	986,818	19,496	2.02%	0.64%
5800	Capital Outlay	297,500	276,300	305,600	29,300	10.60%	0.20%
5278	Snow and Sand Expenses	350,000	350,000	350,000	-	0.00%	0.23%
5280	Veterans Benefits	560,000	430,000	430,000	-	0.00%	0.28%
5285	Solid Waste	2,892,440	2,979,589	3,086,921	107,332	3.60%	2.01%
7095	Streetlights	247,500	247,500	247,500	-	0.00%	0.16%
7096	Legal	235,000	245,000	245,000	-	0.00%	0.16%
	Total Town Expenses	9,595,968	9,574,195	9,792,642	218,447	2.28%	6.36%
ol Expenses							
5266	School Contract Services/Leases	8,146,040	8,308,961	8,308,961	0	0.00%	5.40%
5267	School Utilities	1,351,592	1,378,624	1,378,624	0	0.00%	0.90%
5466	School Supplies & Expenses	1,797,817	1,755,573	1,755,573	(0)	0.00%	1.14%
5866	School Capital Outlay	277,352	282,899	282,899	(0)	0.00%	0.18%
5300	Shawsheen Assessment	10,579,268	10,917,388	10,256,850	(660,538)	-6.05%	6.66%
	Total School Expenses	22,152,069	22,643,445	21,982,907	(660,538)	-2.92%	14.28%
ared Costs							
7010	Bldg/Auto/Liab Insurance	1,020,000	1,020,000	1,120,000	100,000	Shared Costs	0.73%
7012	Health Insurance	15,526,640	16,237,027	16,314,027	77,000	0.47%	10.60%
7051	Emp. Medical Exams	85,000	85,000	85,000	-	0.00%	0.06%
7052	County Retirement Assessment/OPEB	11,788,311	12,659,447	13,244,016	584,569	4.62%	8.60%
7063	Reserve Fund	84,520	84,520	84,520	-	0.00%	0.05%
7042	Medicare	1,133,240	1,133,240	1,133,240	-	0.00%	0.74%
7020	Workers' Compensation	866,000	866,000	866,000	-	0.00%	0.56%
7030	Umemployment Comp.	100,000	100,000	100,000	-	0.00%	0.06%
7130	Temporary Borrowing - Town	412,000	420,000	420,000	-	0.00%	0.27%
7140	Debt Principal/ST	1,150,000	1,000,000	990,000	(10,000)	-1.00%	0.64%
7150	Debt Principal - Town	953,846	670,000	665,000	(5,000)	-0.75%	0.43%
7160	Debt Interest - School	166,900	140,351	124,250	(16,101)	-11.47%	0.08%
7170	New Debt - School Interest	4,854,183	5,139,219	5,249,219	110,000	100.00%	3.41%
7180	New Debt - Town Principal	-	-	-	-	100.00%	0.00%
7550	Debt Interest - Town	53,764	43,150	36,850	(6,300)	-14.60%	0.02%
7570	New Debt - School Principal	-	-	-	-	100.00%	0.00%
7580	New Debt - Town Interest	-	-	-	-	100.00%	0.00%
75XP	Parker Debt Exclusion Principal	1,250,000	1,250,000	320,000	(930,000)	-74.40%	0.21%
75XI	Parker Debt Exclusion Interest	265,563	215,563	165,563	(50,000)	-23.19%	0.11%
75XO	Debt Stabilization Appropriation	60,434	766,198	909,086	142,888	18.65%	0.59%
	Total Shared Costs	39,770,401	41,829,715	41,826,771	(2,944)	-0.01%	27.17%
	Total Budget	**$ 146,217,303**	**$ 150,635,037**	**$ 153,934,721**	**$ 3,299,683**	**2.19%**	

Analysis of Salaries vs. Expenses

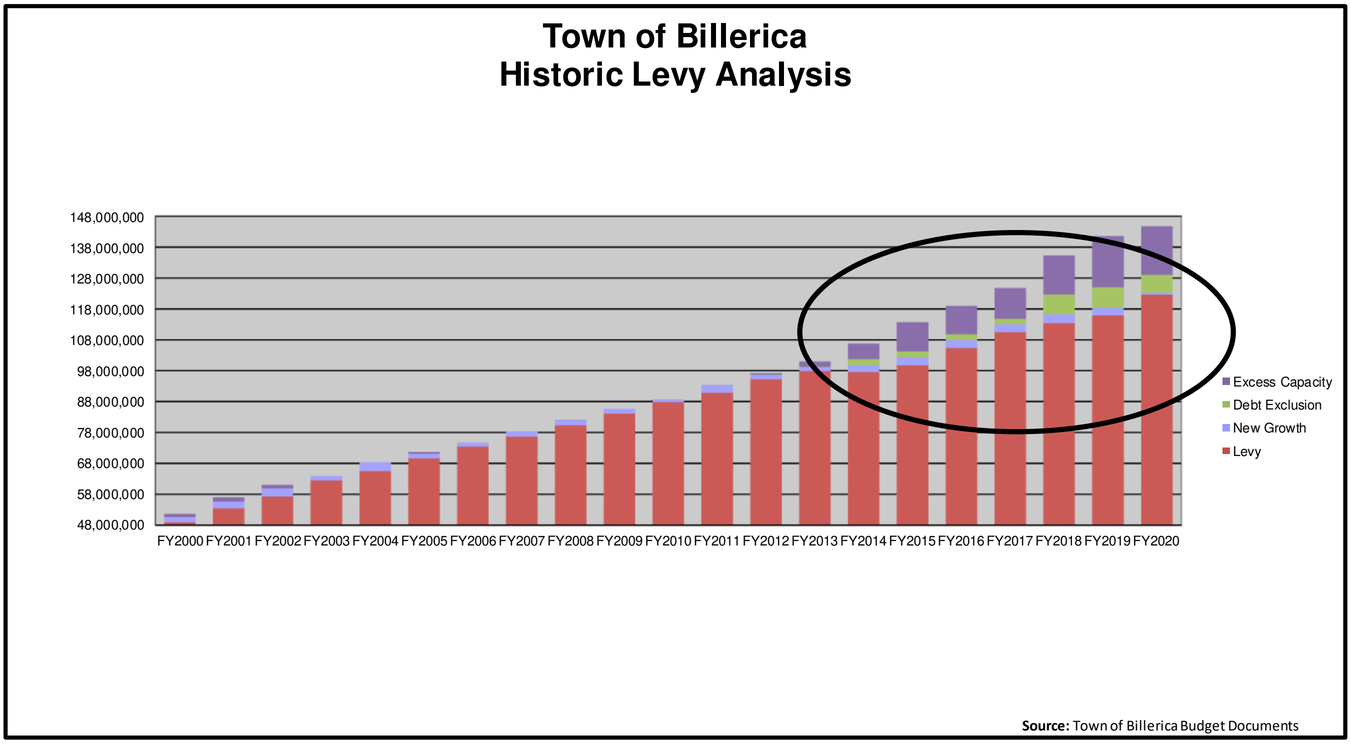


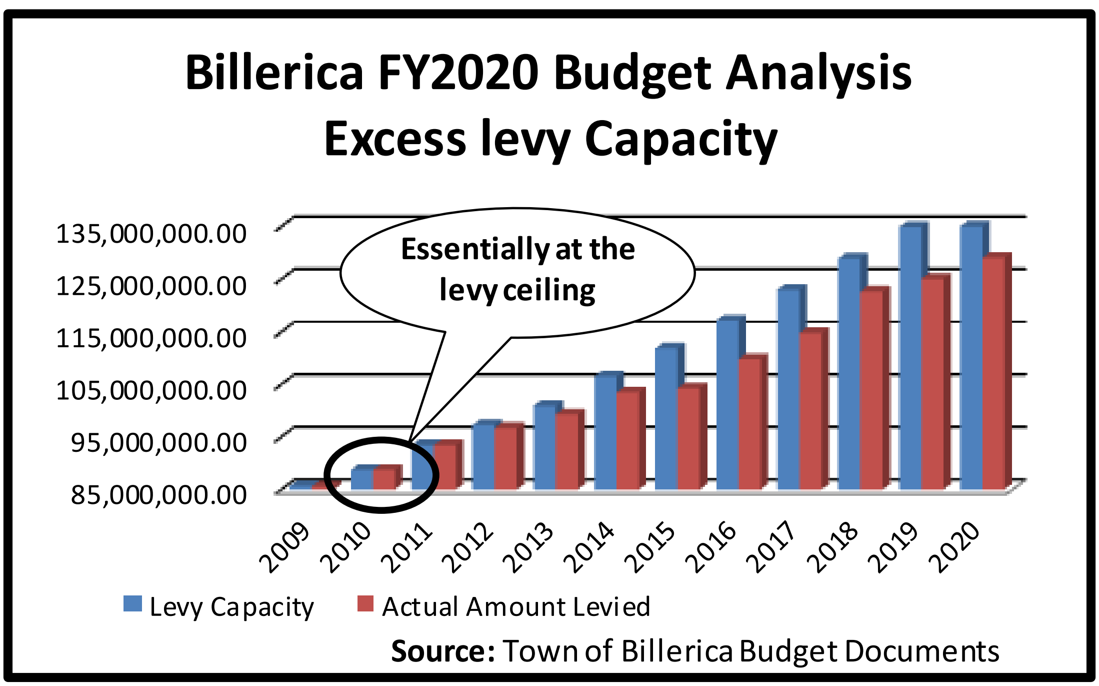
Town of Billerica
Fiscal Year 2020

Analysis of Salaries vs. Expenses

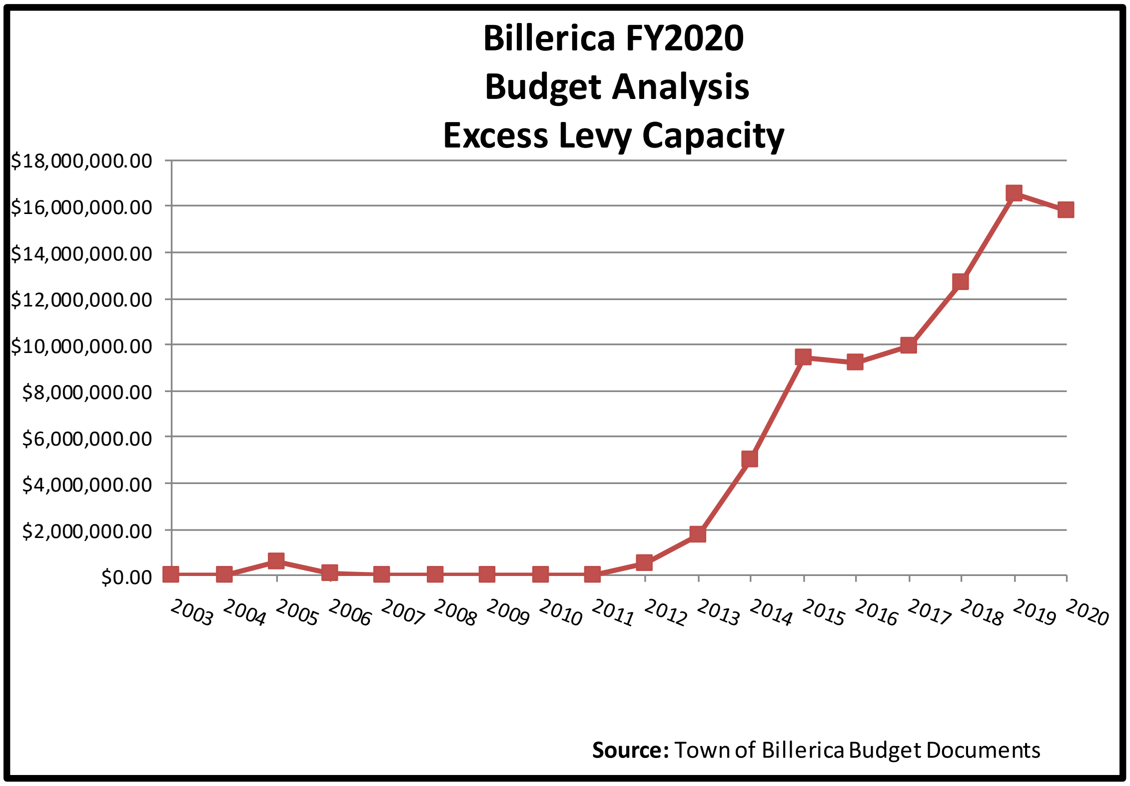
Town Salaries	$	25,763,852	16.74%
PT Town Salaries		1,036,185	0.67%
School Salaries		53,532,364	34.78%
Total Salaries		80,332,401	52.19%
Town Expenses		9,792,642	6.36%
School Expenses		11,726,057	7.62%
Shawsheen Assessment		10,256,850	6.66%
Shared Costs		41,826,771	27.17%
Total Expenses		73,602,320	47.81%
Total Budget	$	153,934,721	100.00%

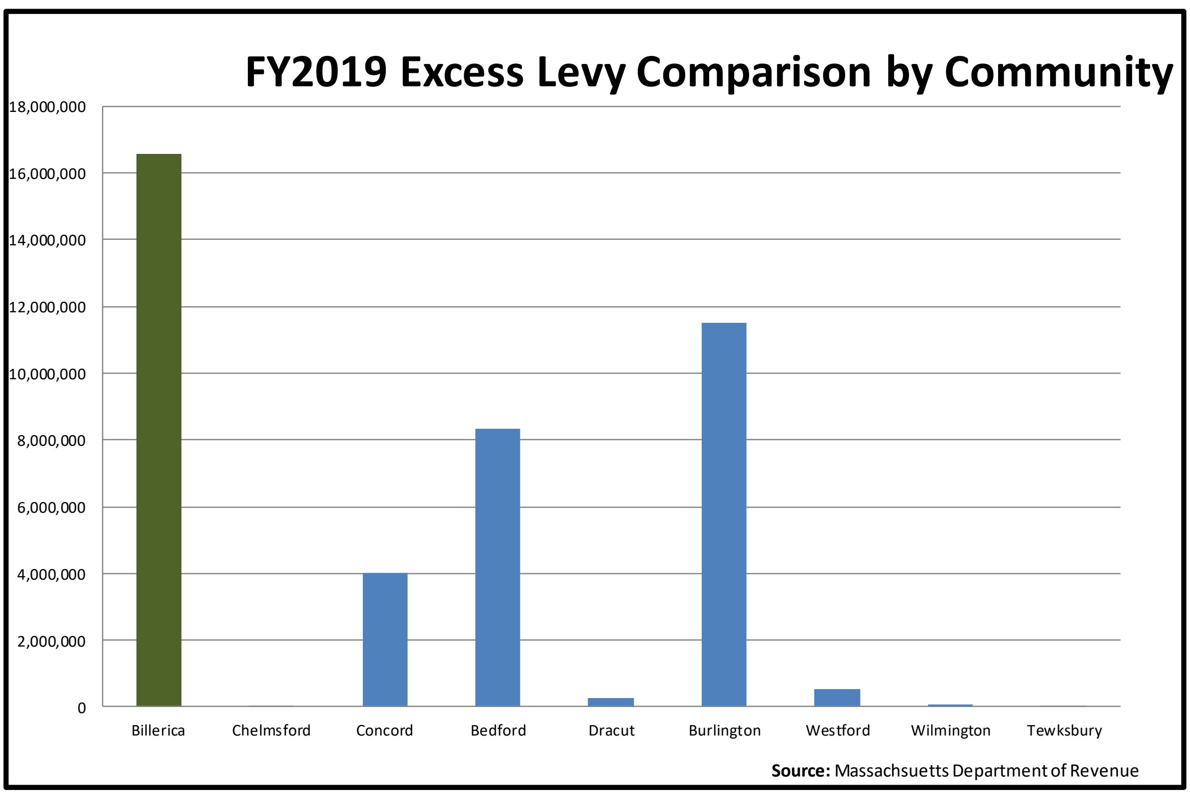
Levy Analysis



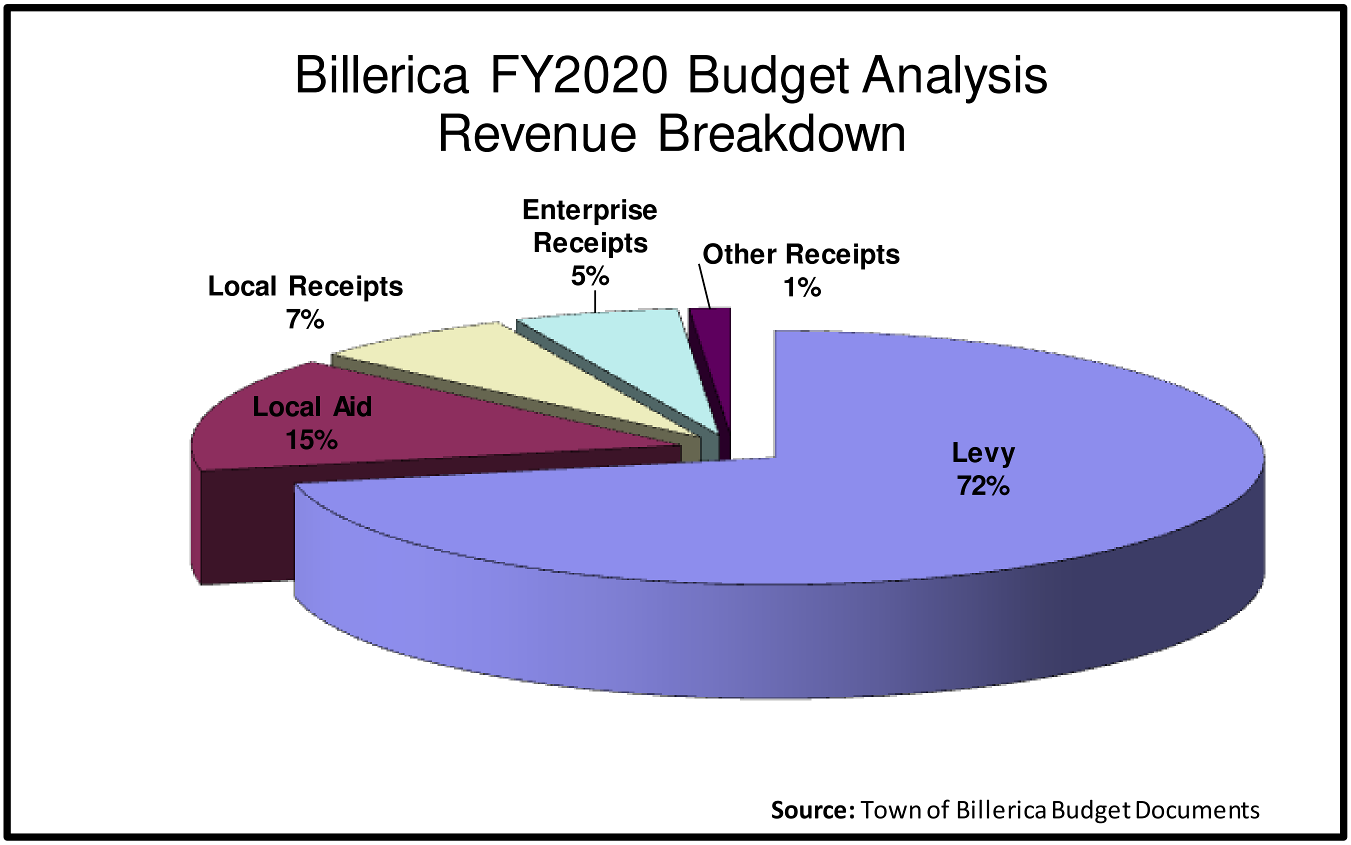


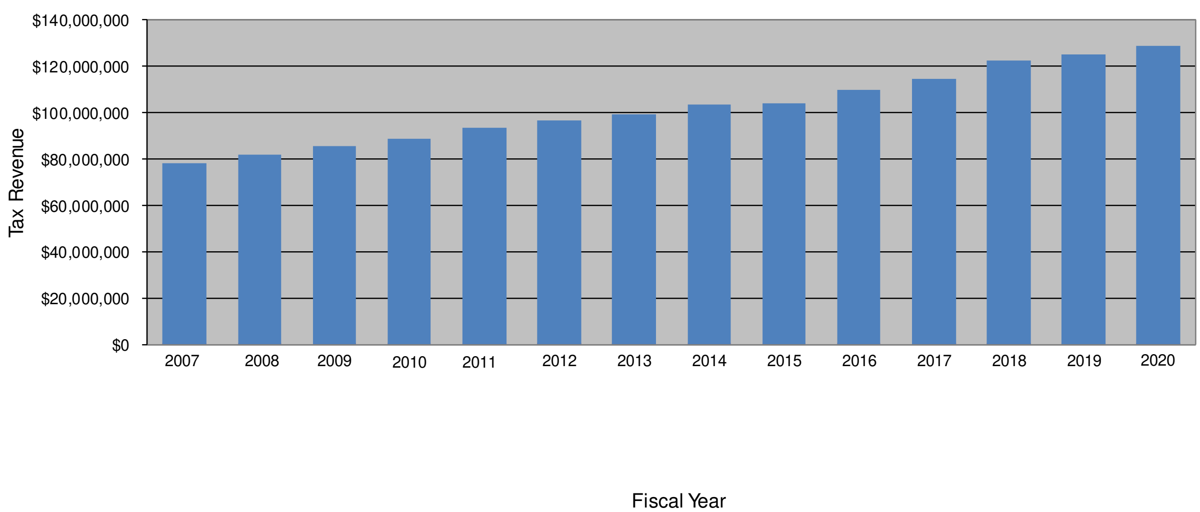
Levy Analysis





Revenue Sources and Trends

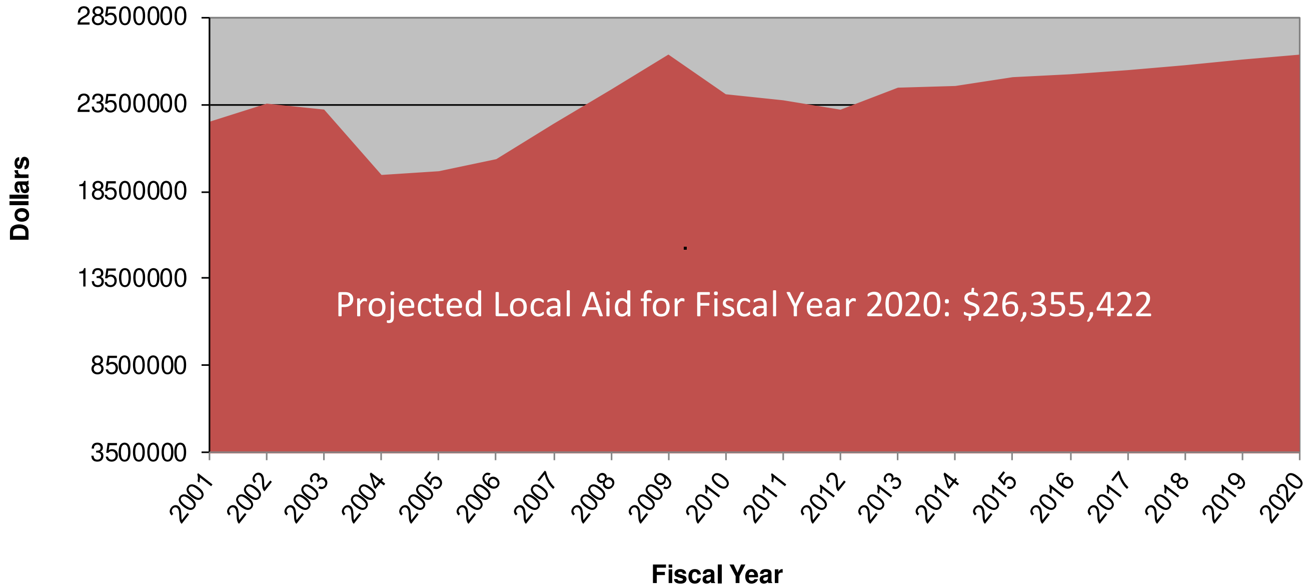




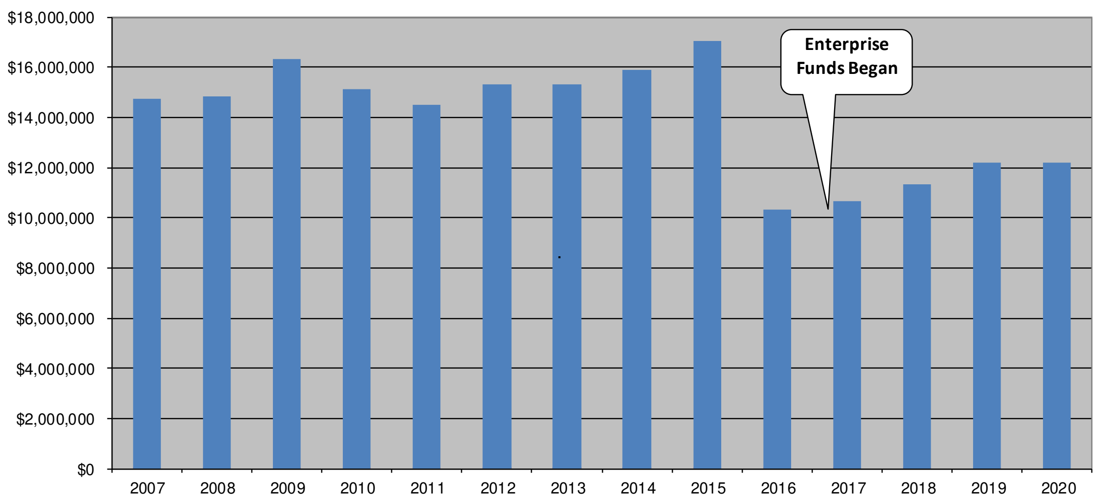
Total Projected FY2020 Tax Revenues: $128,996,647

Revenue Sources and Trends

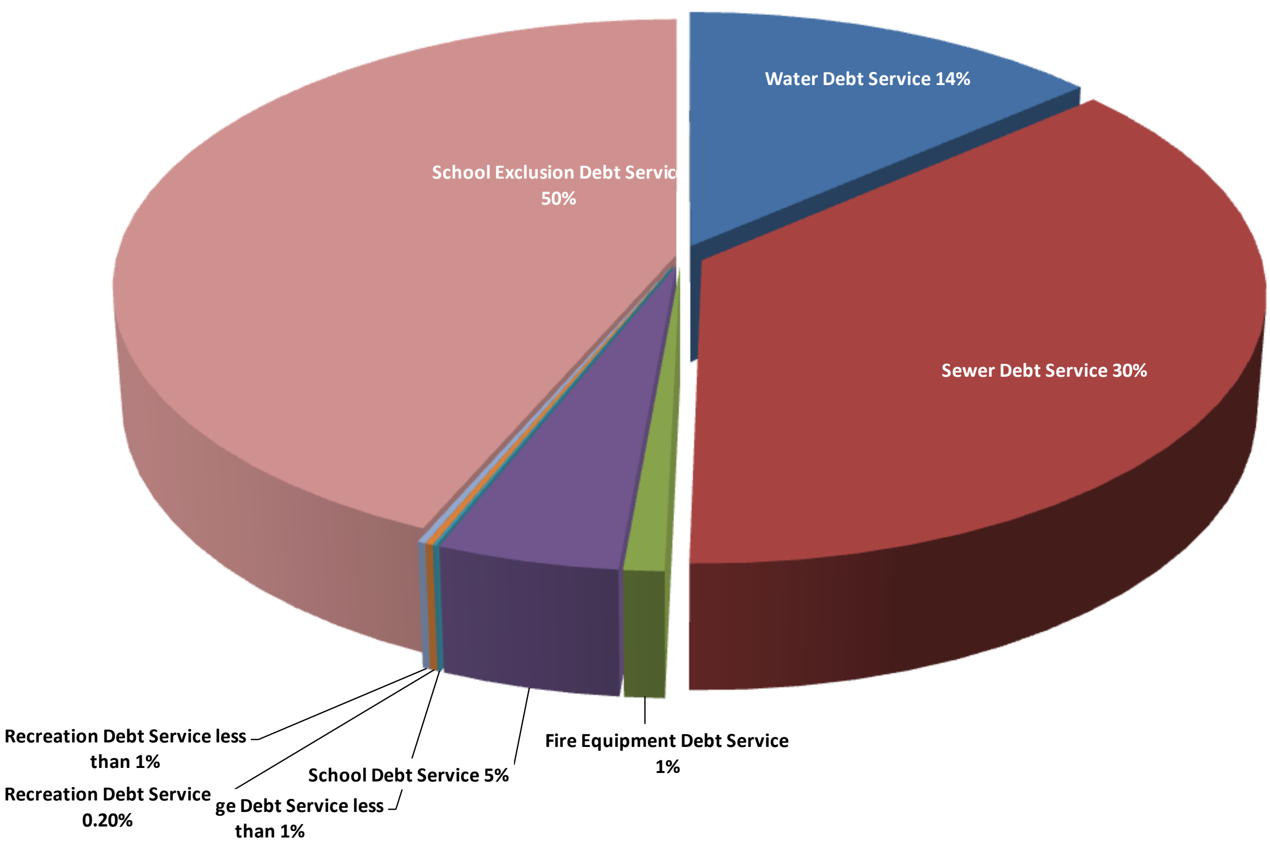
Local Aid



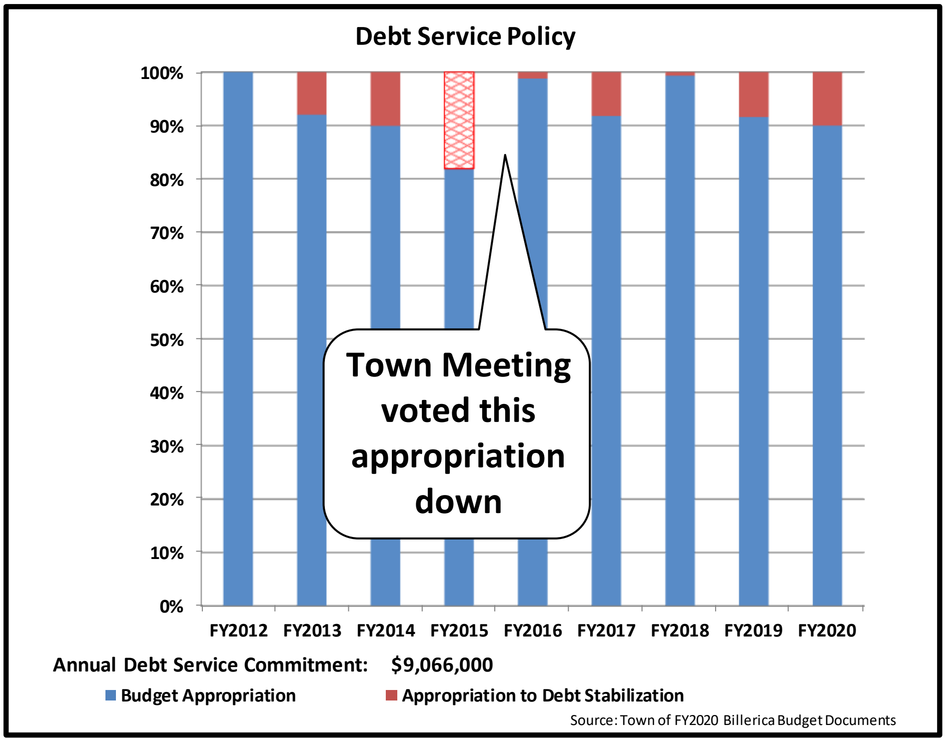
Local Receipt

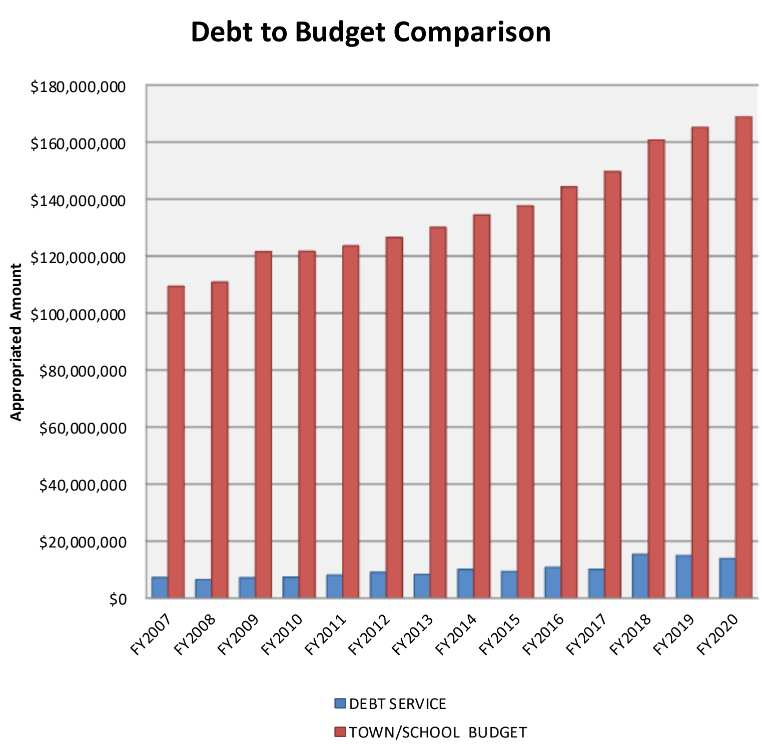


Debt Service

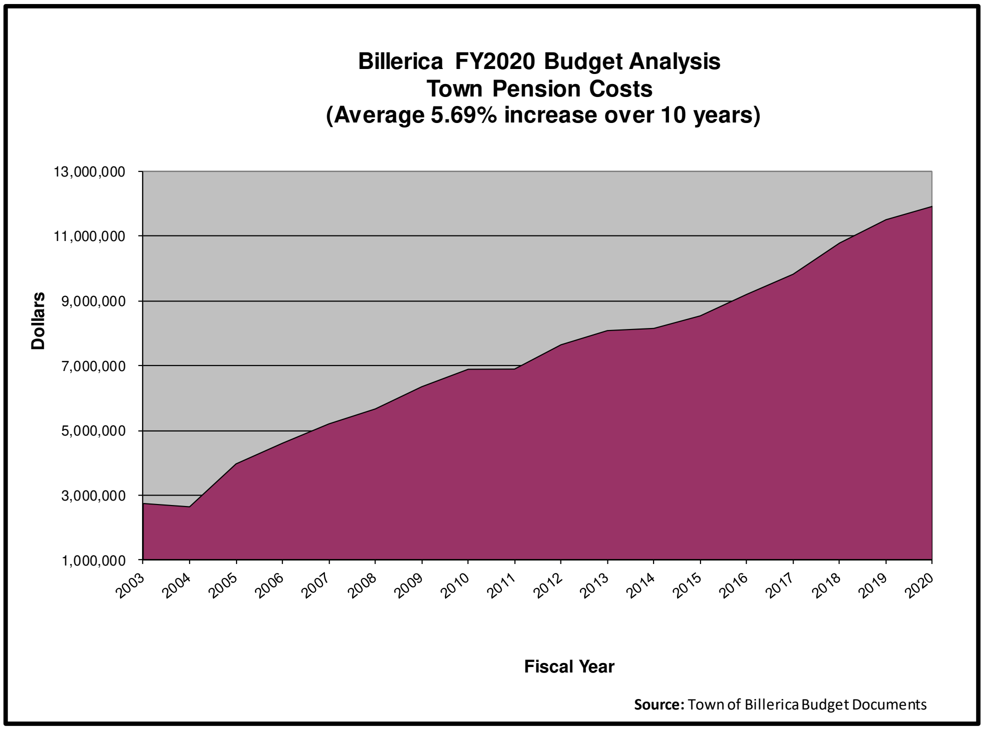


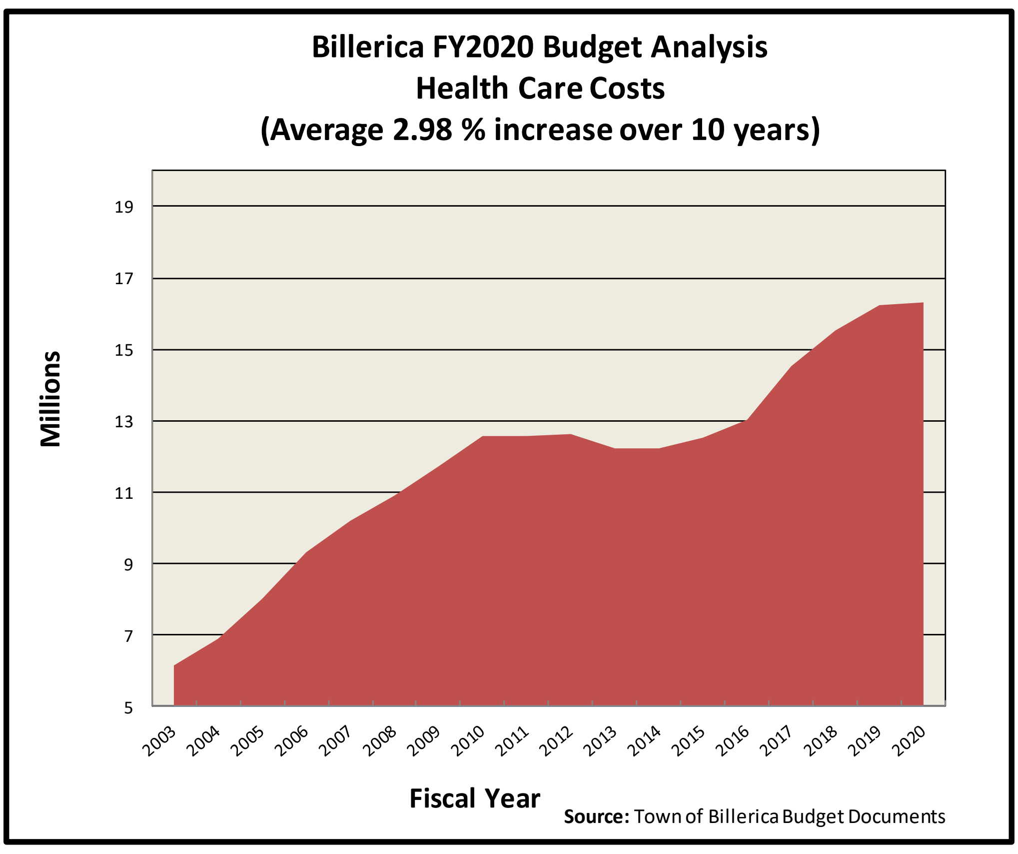
Debt Service



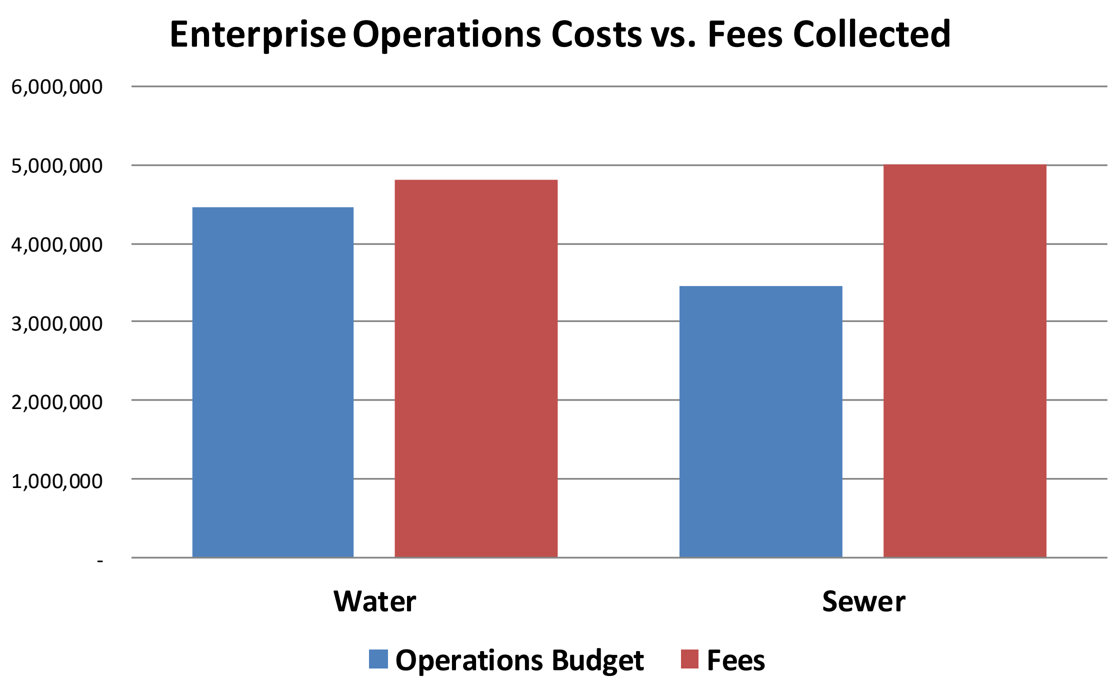


Pension / Health Care

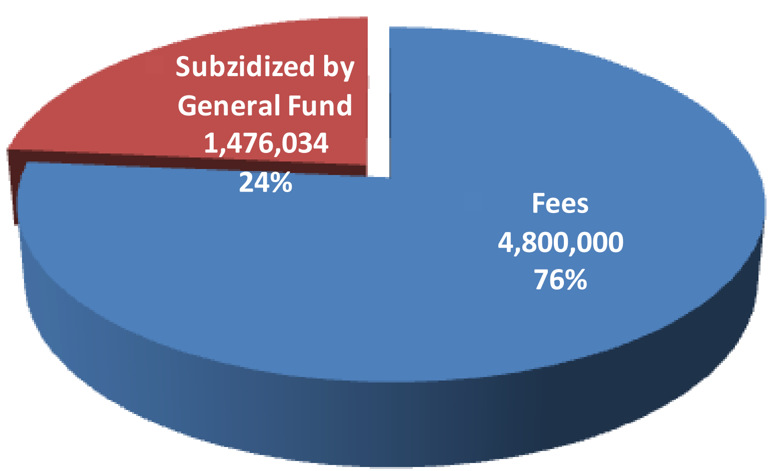




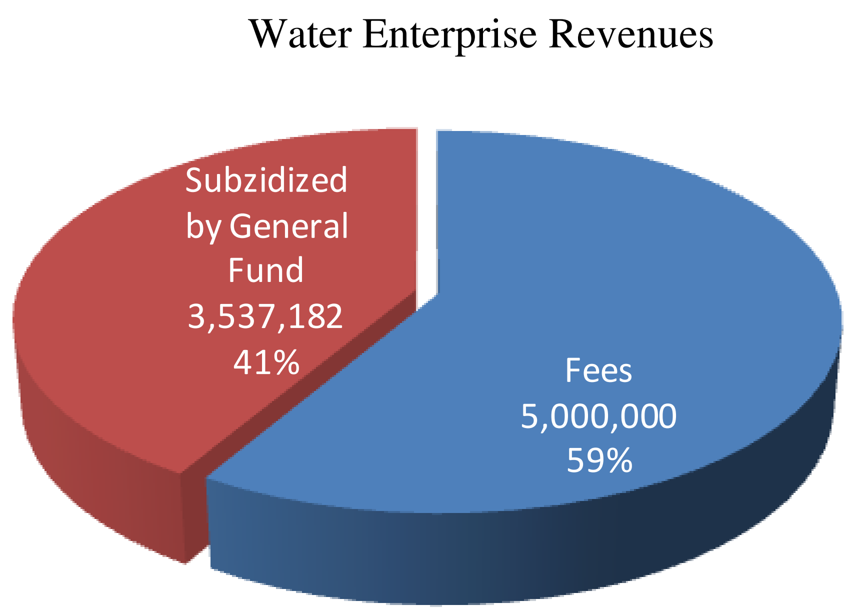
Enterprise Accounts



Sewer Enterprise Revenues



Enterprise Accounts



Town of Billerica
Water and Sewer Budget Analysis
Fiscal Year 2020

	Water	Sewer
Operations Budget	4,446,252	3,446,149
Debt Service	1,829,782	5,091,033
Total Costs	6,276,034	8,537,182
Fees	4,800,000	5,000,000
Subzidized by General Fund	1,476,034	3,537,182
Total Revenues	6,276,034	8,537,182

Five Year Forecast

	Proposed BUDGET FY20	PROJECTED BUDGET FY21	PROJECTED BUDGET FY22	PROJECTED BUDGET FY23	PROJECTED BUDGET FY24	PROJECTED BUDGET FY25
USES OF FUNDING (AMOUNTS TO BE RAISED):						
APPROPRIATIONS:						
GENERAL FUND BUDGET (Includes all TM R&A)	142,813,204.65	146,740,567.78	150,775,933.39	154,922,271.56	159,182,634.03	163,560,156.47
WATER ENTERPRISE	6,292,513.99	6,418,364.27	6,546,731.56	6,677,666.19	6,811,219.51	6,947,443.91
WASTE WATER ENTERPRISE	8,641,118.00	9,713,940.36	9,908,219.17	10,106,383.55	10,308,511.22	10,514,681.45
CPA APPROPRIATION	900,000.00	900,000.00	900,000.00	900,000.00	900,000.00	900,000.00
TOTAL APPROPRIATIONS	**158,646,836.65**	**163,772,872.42**	**168,130,884.12**	**172,606,321.30**	**177,202,364.77**	**181,922,281.82**
OTHER LOCAL EXPENDITURES / DEFICITS:						
TAX TITLE PURPOSES	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00
COUNTY RETIREMENT	11,921,516.00	13,220,961.24	14,662,046.02	16,260,209.04	18,032,571.82	19,998,122.15
FINAL JUDGMENTS	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
CHERRY SHEET OFFSETS	50,131.00	50,131.00	50,131.00	50,131.00	50,131.00	50,131.00
SNOW / ICE DEFICIT	600,000.00	600,000.00	600,000.00	600,000.00	600,000.00	600,000.00
OVERLAY RESERVE	3,125,621.55	3,125,621.55	3,125,621.55	3,125,621.55	3,125,621.55	3,125,621.55
TOTAL OTHER LOCAL EXPENDITURES	**15,807,268.55**	**17,106,713.79**	**18,547,798.57**	**20,145,961.59**	**21,918,324.37**	**23,883,874.70**
STATE AND COUNTY CHARGES	**5,403,227.00**	**5,430,243.14**	**5,457,394.35**	**5,484,681.32**	**5,512,104.73**	**5,539,665.25**
TOTAL USES OF FUNDING	**179,857,332.20**	**186,309,829.34**	**192,136,077.04**	**198,236,964.21**	**204,632,793.87**	**211,345,821.77**
SOURCES OF FUNDING :						
PROPERTY TAXES 2 1/2 LEVY LIMIT	138,304,396.00	142,530,755.90	146,862,774.80	151,303,094.17	155,854,421.52	160,519,532.06
NEW GROWTH	750,000.00	750,000.00	750,000.00	750,000.00	750,000.00	750,000.00
AMEND FY2012 NEW GROWTH						
TOTAL PROPERTY TAXES	**139,054,396.00**	**143,280,755.90**	**147,612,774.80**	**152,053,094.17**	**156,604,421.52**	**161,269,532.06**
ADD DEBT EXCLUSION HS PRINCIPAL	2,000,000.12	1,630,000.00	1,710,000.00	1,795,000.00	1,885,000.00	1,980,000.00
ADD DEBT EXCLUSION HS INTEREST	3,249,219.11	3,149,219.00	3,067,719.00	2,982,219.00	2,892,469.00	2,798,219.00
ADD DEBT EXCLUSION PARKER PRINCIPAL	320,000.00	320,000.00	320,000.00	320,000.00	320,000.00	320,000.00
ADD DEBT EXCLUSION PARKER INTEREST	165,562.50	152,762.50	136,762.50	123,962.50	107,962.50	101,563.00
ADD DEBT EXCLUSION HS PRINCIPAL		475,000.00	400,000.00	675,000.00	180,000.00	175,000.00
ADD DEBT EXCLUSION HS INTEREST		363,750.00	345,937.50	330,937.50	305,625.00	298,875.00
LESS EXCESS LEVY CAPACITY	-15,749,385.00					
TOTAL PROPERTY TAXES - ADJUSTED	**129,039,792.73**	**149,371,487.40**	**153,593,193.80**	**158,280,213.17**	**162,295,478.02**	**166,943,189.06**

TOWN OF BILLERICA FIVE YEAR FINANCIAL FORECAST

	PROJECTED BUDGET FY20	PROJECTED BUDGET FY21	PROJECTED BUDGET FY22	PROJECTED BUDGET FY23	PROJECTED BUDGET FY24	PROJECTED BUDGET FY25
SOURCES OF FUNDING (cont):						
STATE ESTIMATED REVENUES:						
CHAPTER 70 - SCHOOL AID	19,300,194.00	19,300,194.00	19,300,194.00	19,300,194.00	19,300,194.00	19,300,194.00
CHARTER TUITION ASSESSMENT REIMBURSEMENT	130,120.00	130,120.00	130,120.00	130,120.00	130,120.00	130,120.00
LOTTERY	6,183,385.00	6,183,385.00	6,183,385.00	6,183,385.00	6,183,385.00	6,183,385.00
VETERANS' BENEFITS	305,950.00	305,950.00	305,950.00	305,950.00	305,950.00	305,950.00
EXEMPTIONS - VETS, BLIND & SURVIVING SPOUSE	248,042.00	248,042.00	248,042.00	248,042.00	248,042.00	248,042.00
ELDERLY EXEMPTIONS	0.00	0.00	0.00	0.00	0.00	0.00
STATE OWNED LAND	137,082.00	137,082.00	137,082.00	137,082.00	137,082.00	137,082.00
PUBLIC LIBRARIES - OFFSET	50,649.00	50,649.00	50,649.00	50,649.00	50,649.00	50,649.00
TOTAL STATE ESTIMATED REVENUES	**26,355,422.00**	**26,355,422.00**	**26,355,422.00**	**26,355,422.00**	**26,355,422.00**	**26,355,422.00**
LOCAL ESTIMATED REVENUES:						
MOTOR VEHICLE EXCISE	6,300,000.00	6,363,000.00	6,426,630.00	6,490,896.30	6,555,805.26	6,621,363.32
OTHER EXCISES (HOTEL/MOTEL)	1,500,000.00	1,515,000.00	1,530,150.00	1,545,451.50	1,560,906.02	1,576,515.08
PENALTIES & INTEREST	350,000.00	353,500.00	357,035.00	360,605.35	364,211.40	367,853.52
P.I.L.O.T.	40,000.00	40,400.00	40,804.00	41,212.04	41,624.16	42,040.40
FEES	2,500,000.00	2,525,000.00	2,550,250.00	2,575,752.50	2,601,510.03	2,627,525.13
DEPARTMENTAL REVENUE-LIBRARY	9,000.00	9,090.00	9,180.90	9,272.71	9,365.44	9,459.09
DEPARTMENTAL REVENUE-CEMETERY	110,000.00	111,100.00	112,211.00	113,333.11	114,466.44	115,611.11
OTHER DEPARTMENTAL REVENUE	250,000.00	252,500.00	255,025.00	257,575.25	260,151.00	262,752.51
LICENSES & PERMITS	675,000.00	681,750.00	688,567.50	695,453.18	702,407.71	709,431.78
FINES & FORFEITS	125,000.00	126,250.00	127,512.50	128,787.63	130,075.50	131,376.26
INTEREST EARNINGS	225,000.00	227,250.00	229,522.50	231,817.73	234,135.90	236,477.26
MISC. STATE AND OTHER REVENUE	125,000.00	126,250.00	127,512.50	128,787.63	130,075.50	131,376.26
NON RECURRING REVENUE						
TOTAL LOCAL ESTIMATED REVENUES	**12,209,000.00**	**12,331,090.00**	**12,454,400.90**	**12,578,944.91**	**12,704,734.36**	**12,831,781.70**
ENTERPRISE REVENUE						
CHARGES FOR SERVICES - WATER	4,800,000.00	4,944,000.00	5,092,320.00	5,245,089.60	5,402,442.29	5,564,515.56
CHARGES FOR SERVICES - SEWER	5,000,000.00	5,100,000.00	5,202,000.00	5,306,040.00	5,412,160.80	5,520,404.02
TOTAL ENTERPRISE REVENUE	**9,800,000.00**	**10,044,000.00**	**10,294,320.00**	**10,551,129.60**	**10,814,603.09**	**11,084,919.57**
OTHER AVAILABLE FUNDS:						
CPA REVENUE	900,000.00	900,000.00	900,000.00	900,000.00	900,000.00	900,000.00
DEBT STABILIZATION	1,425,000.00	3,000,000.00	3,000,000.00	3,000,000.00	3,000,000.00	3,000,000.00
WATER ENTERPRISE RETAINED EARNINGS		800,000.00	800,000.00	800,000.00	800,000.00	800,000.00
WASTEWATER ENTERPRISE RETAINED EARNINGS		1,200,000.00	1,200,000.00	1,200,000.00	1,200,000.00	1,200,000.00
RINK REVOLVING FUND	128,656.00	128,656.00	128,656.00	128,656.00	128,656.00	128,656.00
MISC. REVENUE FUNDS		50,000.00	50,000.00	50,000.00	50,000.00	50,000.00
TOTAL OTHER AVAILABLE FUNDS	**2,453,656.00**	**6,078,656.00**	**6,078,656.00**	**6,078,656.00**	**6,078,656.00**	**6,078,656.00**
TOTAL SOURCES OF FUNDING	**179,857,870.73**	**204,180,655.40**	**208,775,992.70**	**213,844,365.68**	**218,248,893.47**	**223,293,968.33**
PROJECTED SURPLUS (DEFICIT)	***538.53***	***17,870,826.06***	***16,639,915.66***	***15,607,401.46***	***13,616,099.60***	***11,948,146.56***

Budget Changes

FY2020 Budget Changes Summary

Major or Notable Budget Changes

Department	Reason		Change
122 - Board of Selectmen	Contractual Obligations	$	2,512
192 - Town Hall	Increase for 3 PT Cleaner positions at $38,000 and a $24,500 increase to abondon buildings for Vining.		62,291
210 - Police Department	Contractual Obligations		288,512
220 - Fire Department	Contractual Obligations		620,744
123 - Town Manager	Increases due to contractual obligations and decrease due to furniture and		(49)
125 - Systems Admin.	Fiber Upgrade - $11,000 and Server Upgrade $20,000 and Contractual		47,707
162 - Elections Department	Less Elections this year		(28,335)
141 - Assessor	New Software Docusign ($3,750) and Contract Obligations		11,352
171 - Conservation Commission	$5,000 increase for signage and education and drop due to new hire at lower		3,440
421- Public Works Admin	Contractual Obligations and Seasonal Help increase due to increase in		82,817
410 - Engineering	Reduction in consultant services due to reduced need for stormwater permit		(8,942)
433 - Solid Waste	Solid Waste Contract Increase		107,331
491 - Parks and Trees	Reorganization		56,453
Total Town Major Changes		**$**	**1,243,321**

Minor/Contractual Changes

Department		Change
Town Minor/Contractual Changes	$	(27,867)
Total Town Changes	**$**	**1,215,454**

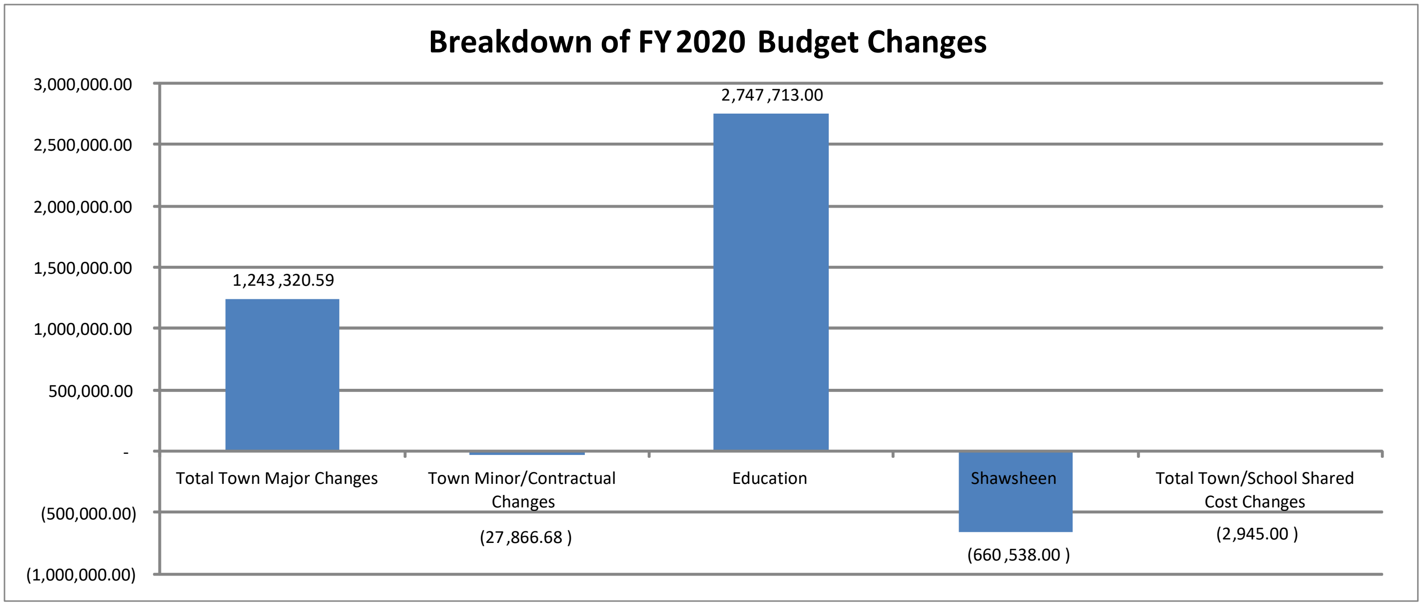
Education Changes

Education	$	2,747,713
Shawsheen		(660,538)
Total Education Changes	**$**	**2,087,175**

Town/School Shared Cost Changes

		Change
Liability Insurance		100,000
Health Care	$	77,000
Debt		(764,514)
Medicare		-
Retirement		412,069
OPEB		172,500
Total Town/School Shared Cost Changes	**$**	**(2,945)**
Total Budget Changes	**$**	**3,299,684**

Budget Changes



Municipal Funded Positions

Department	Fiscal Year 2018	Fiscal Year 2019	Fiscal Year 2020
122 - Board of Selectmen	1 Full-time, 5 Selectmen	1 Full-time, 5 Selectmen	1 Full-time, 5 Selectmen
123 - Town Manager	6 Full-time, 2 Part-time	6 Full-time, 2 Part-time	6 Full-time, 5 Part-time
125 - Systems Admin.	1 Full-time	1 Full-time	1 Full-time
131 - Finance Committee	1 Part-time	1 Part-time	1 Part-time
135 - Town Accountant	3 Full-time	3 Full-time	3 Full-time
141 - Assessor	7 Full-time	7 Full-time	7 Full-time
145 - Treasurer/Collector	8 Full-time, 3 Part-time	8 Full-time, 3 Part-time	8 Full-time, 3 Part-time
161 - Town Clerk	4 Full-time	4 Full-time	4 Full-time
162 - Election Department	88 Temp	113 Temp	113 Temp
163 - Board of Registrars	1 Full-time	1 Full-time	1 Full-time
171 - Conservation Commission	3 Full-time	3 Full-time	3 Full-time
175 - Planning Board	2 Full-time	2 Full-time	2 Full-time
176 - Board of Appeals	1 Full-time	1 Full-time	1 Full-time
210 - Police Department	80 Full-time	80 Full-time	80 Full-time
220 - Fire Department	82 Full-time, 2 Part-time	82 Full-time, 2 Part-time	82 Full-time, 2 Part-time
231 - Ambulance	16 Full-time, 4 Part-time	16 Full-time, 4 Part-time	16 Full-time, 4 Part-time
241 - Building Department	7 Full-time	7 Full-time	7 Full-time
291 - Emergency Management	1 Part-time	1 Part-time	1 Part-time
292 - Animal Control	1 Full-time, 1 Part-time	2 Full-time, 1 Part-time	2 Full-time, 1 Part-time
510 - Board of Health	4 Full-time, 1 Part-time	4 Full-time, 1 Part-time	4 Full-time, 1 Part-time
410 - Engineering	7 Full-time	7 Full-time	7 Full-time
421 - Public Works Administration	11 Full-time, 1 Part-time, 15 Temp	11 Full-time, 1 Part-time, 21 Temp	11 Full-time, 1 Part-time, 21 Temp
422 - Highway Department	17 Full-time	17 Full-time	17 Full-time
441 - Sewer Department	21 Full-time	21 Full-time	21 Full-time
450 - Water Division	21 Full-time, 1 Part-time	21 Full-time, 1 Part-time	21 Full-time, 1 Part-time
491 - Cemetery Parks/Trees	8 Full-time	8 Full-time	8 Full-time
491 - Parks/Trees		8 Full-time	8 Full-time
491 - Cemetery		4 Full-time	4 Full-time
610 - Public Library	10 Full-time, 12 Part-time	10 Full-time, 12 Part-time	10 Full-time, 12 Part-time
630 - Recreation Department	4 Full-time	5 Full-time	5 Full-time
543 - Veterans Services	2 Full-time	2 Full-time	2 Full-time
541 - Council on Aging	4 Full-time, 2 Part-time	4 Full-time, 2 Part-time	4 Full-time, 2 Part-time

Reserve Balances as of March 31

Free Cash	**$ 1,516,049**
Free Cash (Water Enterprise)	**$ 1,333,016**
Free Cash (Sewer Enterprise)	**$ 1,046,672**
Overlay Surplus	**$ 1,189,429**
Stabilization (town)	**$ 4,746,446**
Stabilization (school)	**$ 724,953**
Stabilization (debt)	**$ 17,199,721**
Land Fund	**$ 538,060**
Sale of Lots	**$ 280,502**
Sewer Expansion	**$ 1,435,766**
Inflow & Infiltration	**$ 422,613**
Water Conservation	**$ 611,716**
OPEB Trust	**$ 3,706,987**

Appendix B

Articles

Articles: 4,5 and 6 Collective Bargaining

Collective Bargaining Articles Supporting Documentation

COLA Analysis
Billerica Collective Bargaining Goals FY2017-FY2019

	CPI March 2017	CPI November 2018	CPI January 2019	CPI March 2019
COLA	2.00%	2.00%	2.00%	2.00%
CPI	-2.50%	-3.20%	-2.50%	-2.10%
Net Cost of Living Adjustment	**-0.50%**	**-1.20%**	**-0.50%**	**-0.10%**

Source: Bureau of Labor Statistics

Articles: 4,5,6 Collective Bargaining

Collective Bargaining Articles Supporting Documentation

UNION CONTRACT HIGHLIGHTS

2017-2019

	IAFF	NEPBA A Police Patrolmen	NEPBA A Police Superior
Source	**Coll. Barg. Art. 4**	**Coll. Barg. Art. 5**	**Coll. Barg. Art. 6**
FY2017	2.0%	2.0%	2.0%
FY2018	2.0%	2.0%	2.0%
FY2019	2.0%	2.0%	2.0%
Steps	Eliminated 30-year step moved all other steps over one.		
Position Changes	Created four Shift Commander Captains with 3% Stipend. Four Fire Fighters will be increased to Lieutenant to increase company officers. Eight Fire fighters will receive a stipend of 3% to be assigned to the rescue		
Other	Deputy Fire Chief will be removed from the Union		
Money	750,000.00	412,500.00	337,500.00
Give Backs	Succession Plan in place		
Give Backs	Captains assigned additional duties		
Give Backs	Lieutenants assigned additional Duties		
Give Backs	Rescue workers required to have additional certifications		

Articles: 15,16,17 and 19 Collective Bargaining

Collective Bargaining Articles Supporting Documentation

UNION CONTRACT HIGHLIGHTS
2020

	IAFF	IAFF Fire Alarm	SEIU Administrators	IUPE Clerical	By-law Employees
Source	**Coll. Barg. Art. 15**	**Coll. Barg. Art. 16**	**Coll. Barg. Art. 17**	**Coll. Barg. Art. 19**	**Article 20**
FY2020	2.0%	2.8%	2.8%	2.8%	2.8%
SSI Increase	2.8%	2.8%	2.8%	2.8%	2.8%
January CPI	2.5%	2.5%	2.5%	2.5%	2.5%
One-Year Term	**FY2020**	**FY2020**	**FY2020**	**FY2020**	**FY2020**
Position Changes			Add Assistant Town Engineer, Supt. Parks and Trees and Supt. Cememteries		
Other			Prorate Longevity upon Retirement or Resignation		

Money	$ 162,000	$ 6,400	$ 83,000	$ 58,000	$ 85,000

Article 26 Departmental Revolving Funds

Article 26 – Departmental Revolving Funds Financial Information

Animal Control

	Beg Balance	Receipts	Expenditures	End Balance
FY 18	$0	$0	$0	$0
FY 19 (as of 3/31)	$0	$1,000	$0	$1,000

.

The Animal Control Revolving fund was established to receive fees from the Regulation of Dogs by-law and to allow these fees to be used to fund supplies and expenses in support of the regulation of dogs. This article allows up to $5,000 to be expended without further appropriation from Town Meeting.

Inspectional Service Emergency OT Call-outs

	Beg Balance	Receipts	Expenditures	End Balance
FY 18	$0	$0	$0	$0
FY 19 (as of 3/31)	$0	$3,553	$0	$3,553

.

The Inspectional Serivice Emergency Call-out Revolving fund was established to receive fees received for afterhours inspectional calls and to allow for the funding of the costs of these afterhours inspections. This article allows up to $5,000 to be expended without further appropriation from Town Meeting.

Wetlands By-Law

	Beg Balance	Receipts	Expenditures	End Balance
FY 18	$70,324	$4,672	$31	$74,965
FY 19 (as of 3/31)	$74,965	$5,930	$12	$80,883

.

The Wetlands By-Law Fees Revolving Fund was established to receive fees from the Town's Wetland By-Law and to allow these fees to be used by the Commission to fund expenditures in conjunction with administering the by-law. This article allows up to $30,000 to be expended without further appropriation from Town Meeting.

Article 26 Departmental Revolving Funds

C.O.A. Programs

	Beg Balance	Receipts	Expenditures	End Balance
FY 18	$68,640	$88,192	$98,156	$58,676
FY 19 (as of 3/31)	$58,676	$85,612	$87,596	$56,692

.

The Senior Center Programs Revolving Fund was established to receive fees and charges resulting from Senior Center Programs and to allow these funds to be expended in support of these programs. This article allows up to $100,000 to be expended without further appropriation from Town Meeting.

BEAM Program

	Beg Balance	Receipts	Expenditures	End Balance
FY 18	$2,188,941	$937,260	$740,775	$2,385,426
FY 19 (as of 3/31)	$2,385,426	$586,918	$628,665	$2,343,679

.

The BEAM Program Revolving Funds was established to receive revenues from Health Insurance payments, Medicaid reimbursements and Department of Public Health payments and to allow these funds to be expended in support of BEAM and special education programs. This article allows up to $2,000,000 to be expended without further appropriation from Town Meeting.

Respite Care Program

	Beg Balance	Receipts	Expenditures	End Balance
FY 18	$116,421	$70,533	$96,336	$90,618
FY 19 (as of 3/31)	$90,618	$68,744	$72,889	$86,473

.

The Respite Care Program Revolving Fund was established to receive all fees from the Respite Care Program administered by the Council on Aging and to allow these funds to be expended in support of the Respite Care Program. This article allows up to $120,000 to be expended without further appropriation from Town Meeting.

Article 26 Departmental Revolving Funds

Flu Shot Program

	Beg Balance	Receipts	Expenditures	End Balance
FY 18	$0	$0	$0	$0
FY 19 (as of 3/31)	$35,143	$6,550	$10,466	$31,227

The Flu Shot Revolving Fund was established to receive all fees and insurance payments related to administering flu shots and to allow these funds to be expended in support of the program including purchase of the vaccine and the disposal of any medical wastes. This article allows up to $15,000 to be expended without further appropriation from Town Meeting.

Article 27 Fund Wastewater Plant Improvements

Article 27
Wastewater Treatment Plant Improvements

Article 27

1989 Generator to be replaced

Article 27 Fund Wastewater Plant Improvements

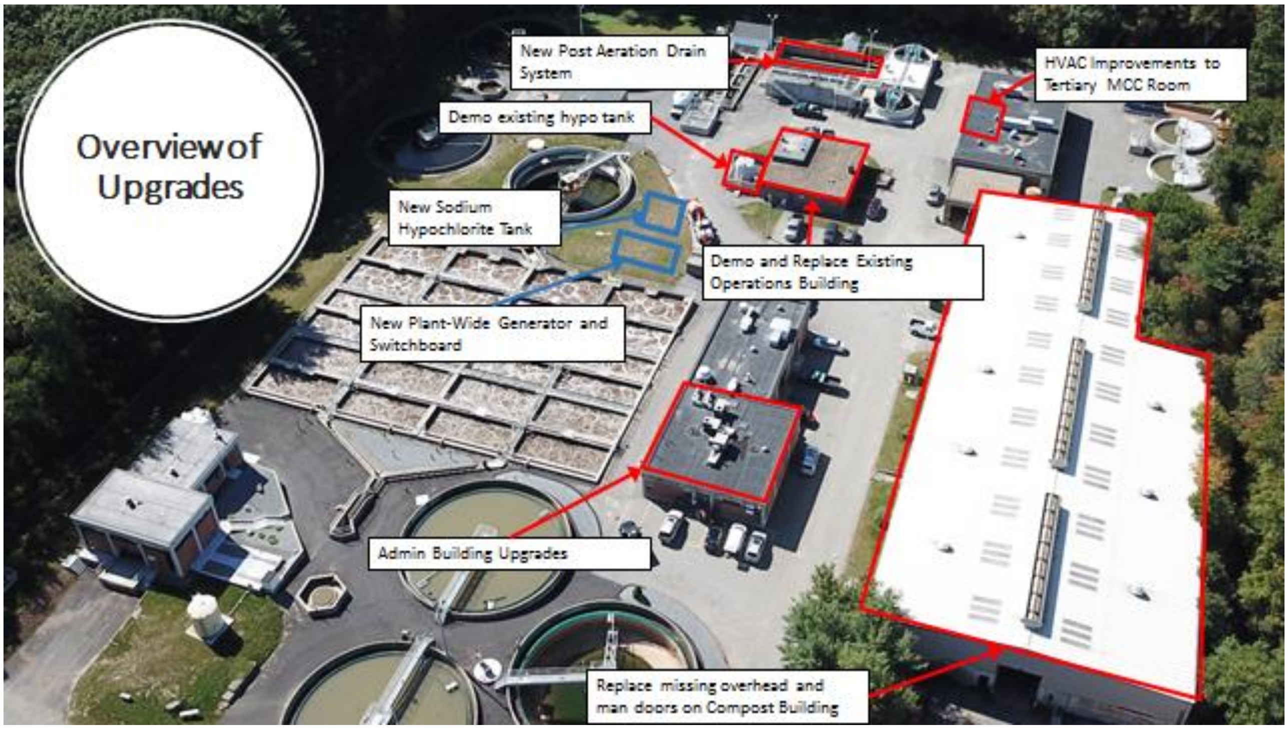
Chlorine and Bisulfite Tanks

Article 27
Wastewater Treatment Plant Improvements

Design As Recommended in the Comprehensive Wastewater Management Plan (CWMP)

- Sodium Hypochlorite and Sodium Bisulfite Tank Replacement
  - Beyond their Useful Life
- Permament Town Water Connection to Plant Water Pumps
  - Required for Emergency Backup
- Post-Aeration System Drain System
  - For Magnetite Recovery and Re-Use and Cleaning Purposes
- New Emergency Generator for Entire Plant
  - Existing Generator Beyond Useful Life and Services Primary Treatment, Disinfection, Lighting and Heating
  - Additional Capacity Required for All Plant Processes
  - Plant-Wide Generator Regulatory Requirement
- Building Upgrades and Improvements
  - Administration Building
    - Office, Laboratory and Lavatory Surface Improvements
  - Operations Building Upgrade
    - Remove and Replace Existing Operations Building with Two Story Building
    - Includes Locker Rooms, Break Room, Offices, Training Room, and Existing Plant Water Pumps
  - Tertiary MCC Room HVAC Improvements
    - Correct Corrosive Environment causing VFDs to Fail
  - Compost Building
    - Replace Missing Overhead and Man Doors to Secure the Building

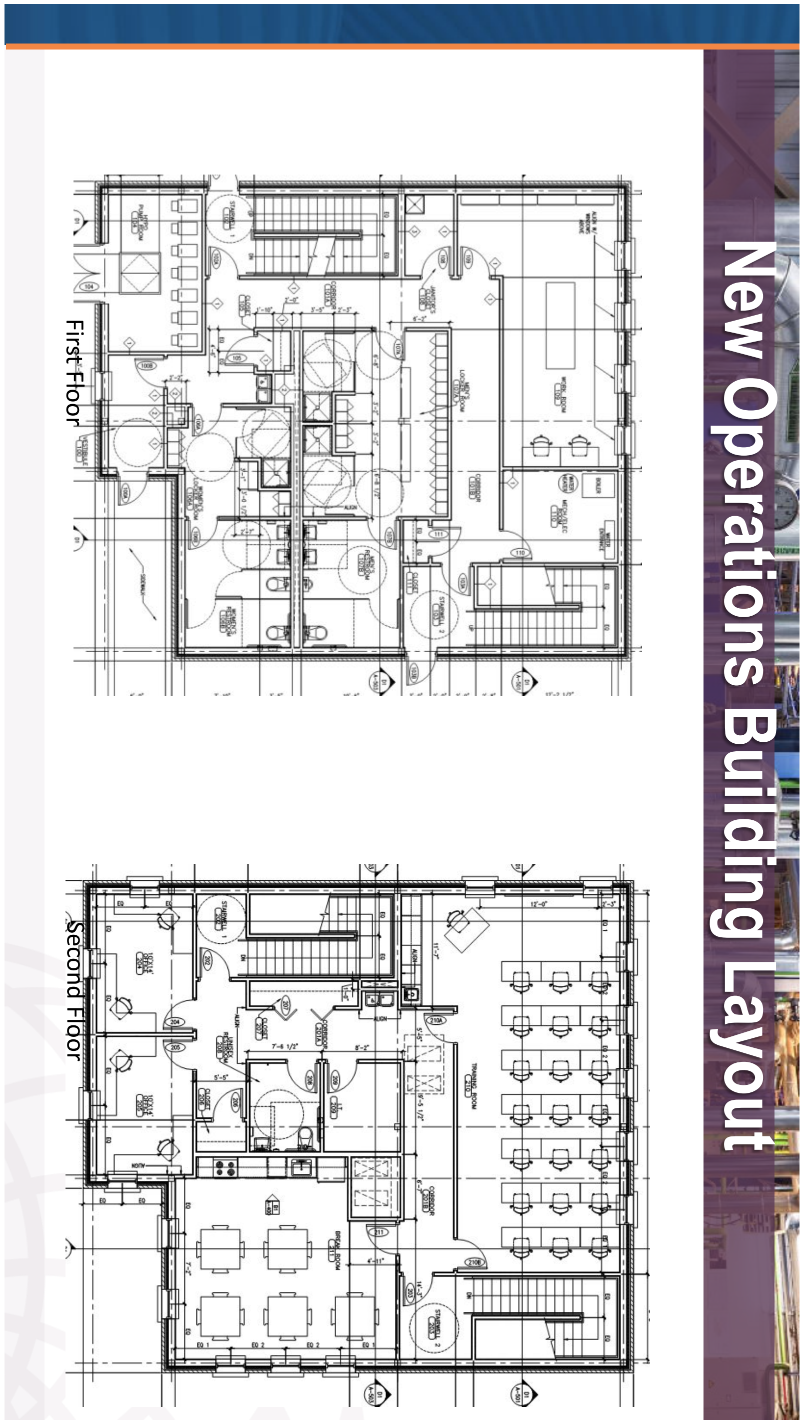
Article 27 Fund Wastewater Plant Improvements



Project Scope & Cost

Project Scope	Construction Cost	10% Contingency	Construction Cost
Chemical Tank Replacement	$ 238,359	$ 23,836	$ 262,195
Permanent Town Water Connection	$ 9,087	$ 909	$ 9,996
Plant-Wide Emergency Generator (including service entrance, main switchboard & Admin Bldg Electrical upgrades)	$ 1,979,912	$ 197,991	$ 2,497,736
New Operations Building	$ 3,293,545	$ 329,355	$ 3,622,900
Administration Building Renovations	$ 350,800	$ 35,080	$ 385,880
Secure Compost Building	$ 118,034	$ 11,803	$ 129,837
MCC HVAC Improvements	$ 11,000	$ 1,100	$ 12,100
Post-Aeration Drain System	$ 189,167	$ 18,917	$ 208,083
Phase 3 WRRF Improvements	**$ 6,189,903**	**$ 618,990**	**$ 7,128,727**
Salem Road PS	$ 889,500	$ 88,950	$ 978,450
Waterview PS	$ 182,500	$ 18,250	$ 200,750
Total Construction Cost	**$ 7,261,903**	**$ 726,190**	**$ 8,307,927**
Construction Administration			$ 696,833
Total Project Cost			$ **9,005,000**

Article 27 Fund Wastewater Plant Improvements

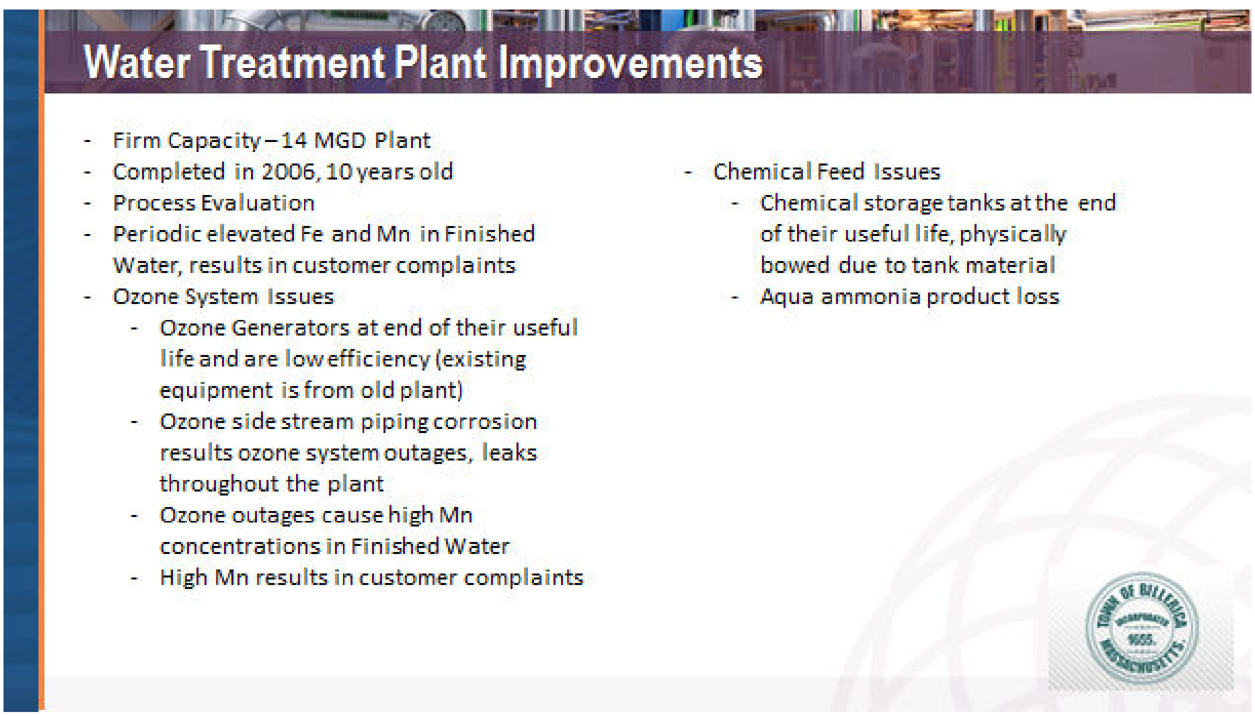


Article 28 Fund Water Plant Improvements

20-Year Capital Improvement Plan (CIP) Recommendations

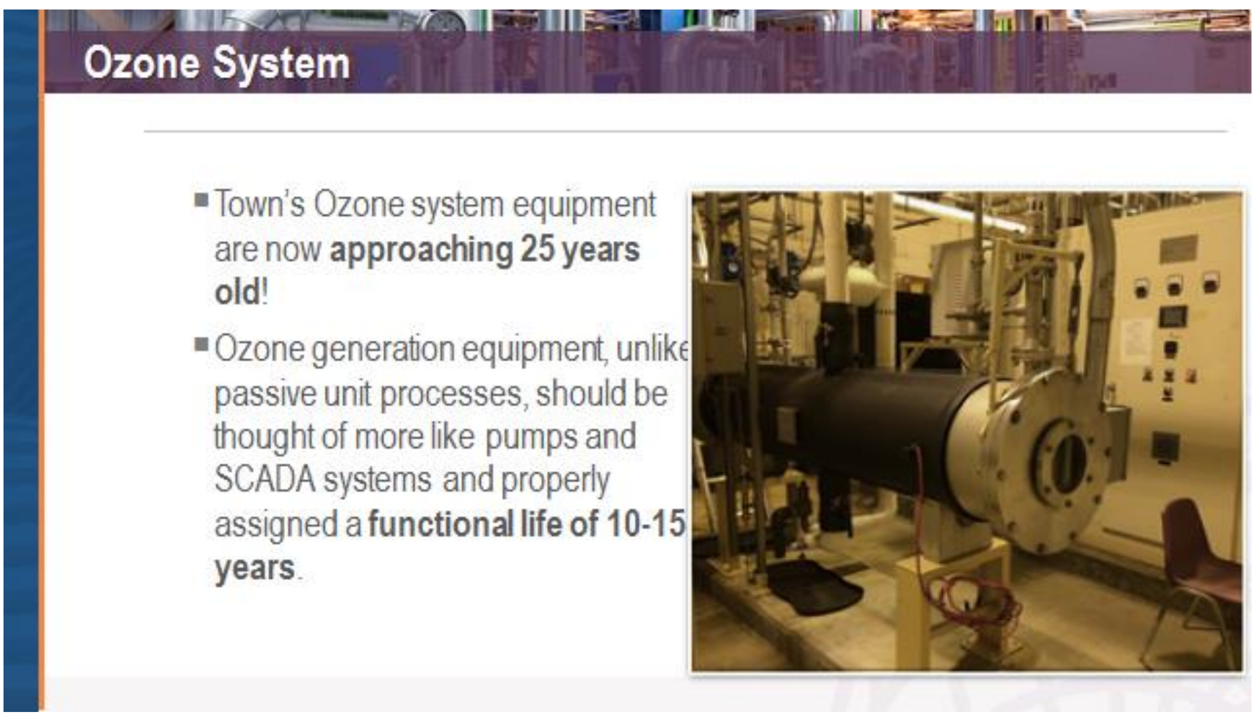
Project	Preliminary Cost Estimate Years 2017-2021	Years 2022-2026	Years 2027-2031	Years 2032-2036	Subtotal
Raw Water PS Elec Building HVAC Eval	$5,000				$5,000
Raw Water Transmission Main Assessment	$75,000				$75,000
Raw Water Pump Replacement	$250,000				$250,000
Raw Water Supply Redundancy		$5,448,000			$5,448,000
WTP Process Optimization	$100,000				$100,000
Chemical Storage Tanks	$272,000				$272,000
Filtered Water Chemical Injection	$480,000				$480,000
Ozone System Relocation and Replacement	$8,353,000				$8,353,000
Equipment Replacement		$5,167,500	$5,167,500	$837,000	$11,172,000
Finished Water Pump VFD Replacement	$405,000				$405,000
Power Quality Study	$13,000				$13,000
Active Harmonic Replacement System	$120,000				$120,000
NETA Equipment Testing	$110,500				$110,500
Lighting Upgrades	$247,500				$247,500
Electrical Safety Program	$97,500				$97,500
PLC Hardware Upgrade		$150,000			$150,000
SCADA Server/Thin Client Architecture		$275,000			$275,000
HMI Software Upgrade	$125,000				$125,000
Automated Reporting Software Upgrade	$80,000				$80,000
SCADA Disaster Recovery Process & Training	$115,000				$115,000
Structural Recommendations	$991,000				$991,000
Internal structural inspection of concrete tanks	$25,000				$25,000
HVAC Air Balance Study	$4,800				$4,800
HVAC Improvements to perimeter offices	$120,000				$120,000
HVAC Humidity Control	$100,000				$100,000
HVAC VAV System	$100,000				$100,000
WTP SUBTOTAL	**$12,189,300**	**$11,040,500**	**$5,167,500**	**$837,000**	**$29,234,300**
Residential Meter Replacement	$4,500,000				$4,500,000
Crosby Hill Tank Replacement		$2,317,500			$2,317,500
Boston Road Tank Replacement				$5,230,500	$5,230,500
Pipe Replacement	$9,226,725	$25,028,600	$21,114,600	$23,538,750	$78,908,675
Total	**$25,916,025**	**$38,386,600**	**$26,282,100**	**$29,606,250**	**$120,190,975**

Article 28 Fund Water Plant Improvements

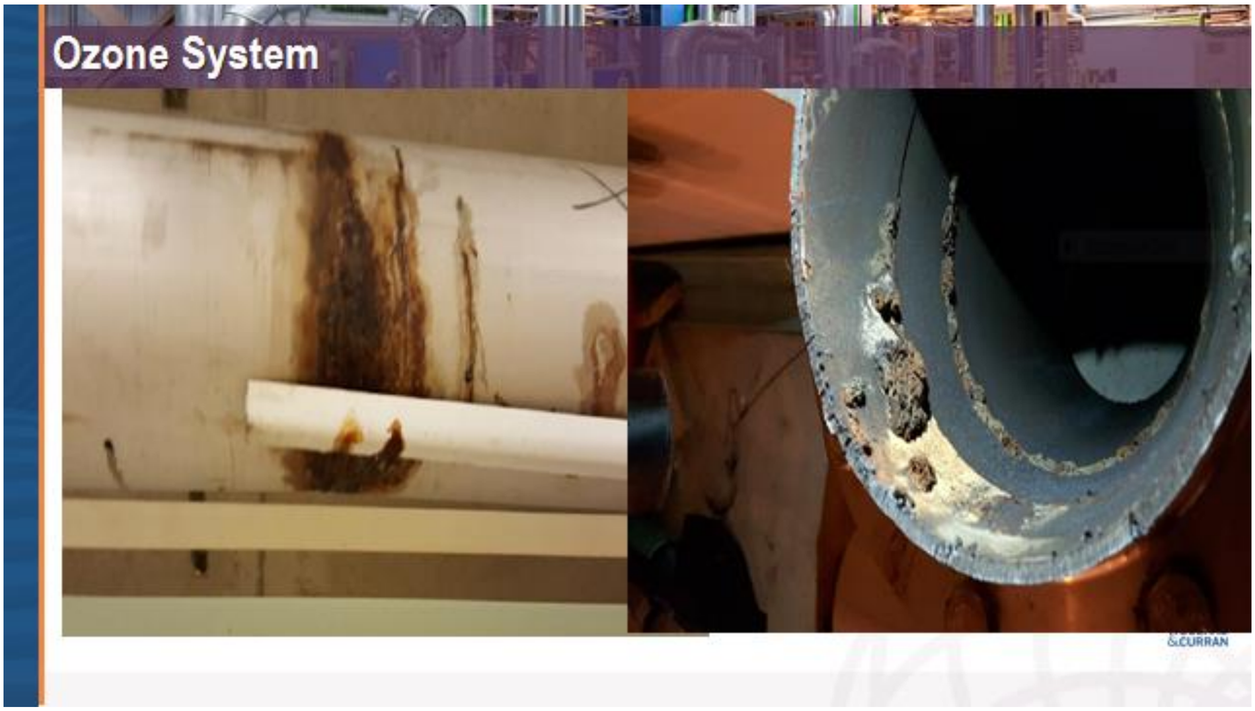


Article 28 Fund Water Plant Improvements

Project Scope	Construction Cost	10% Contingency	Construction Cost
Ozone System and Building	$3,720,689	$372,069	$4,092,758
Structural Improvements (pretreatment tanks, Raw Water PS, Residual Handling Building	$1,646,505	$164,650	$1,811,155
Process/Admin Building Improvements	$759,533	$75,953	$835,486
Chemical Tanks	$576,887	$57,689	$634,576
Electrical & Instrumentation	$1,381,385	$138,139	$1,519,524
Total Construction Cost	$8,085,000	$808,500	$8,893,499
Total Project Cost			$10,025,400

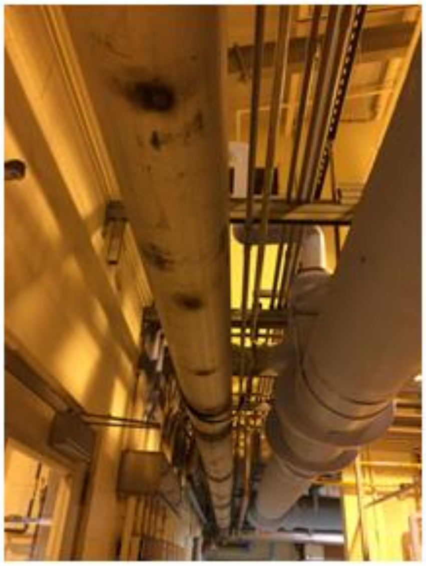


Article 28 Fund Water Plant Improvements



Article 28 Fund Water Plant Improvements

Ozone System

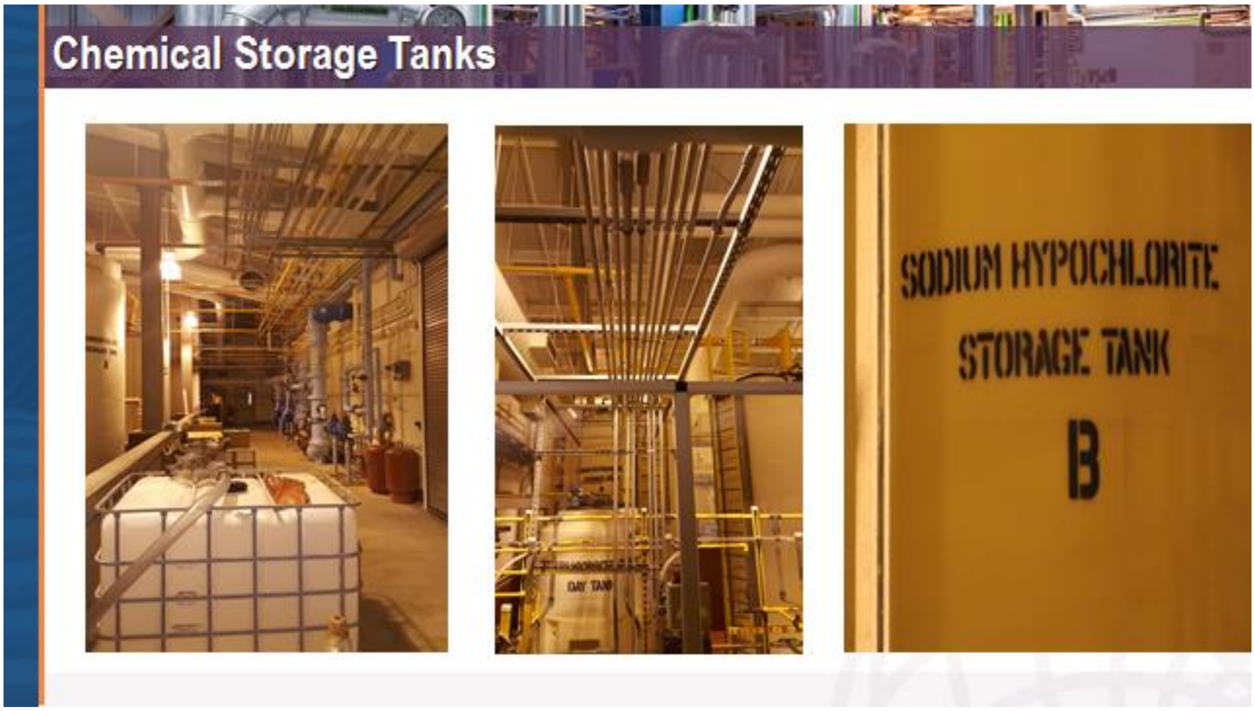


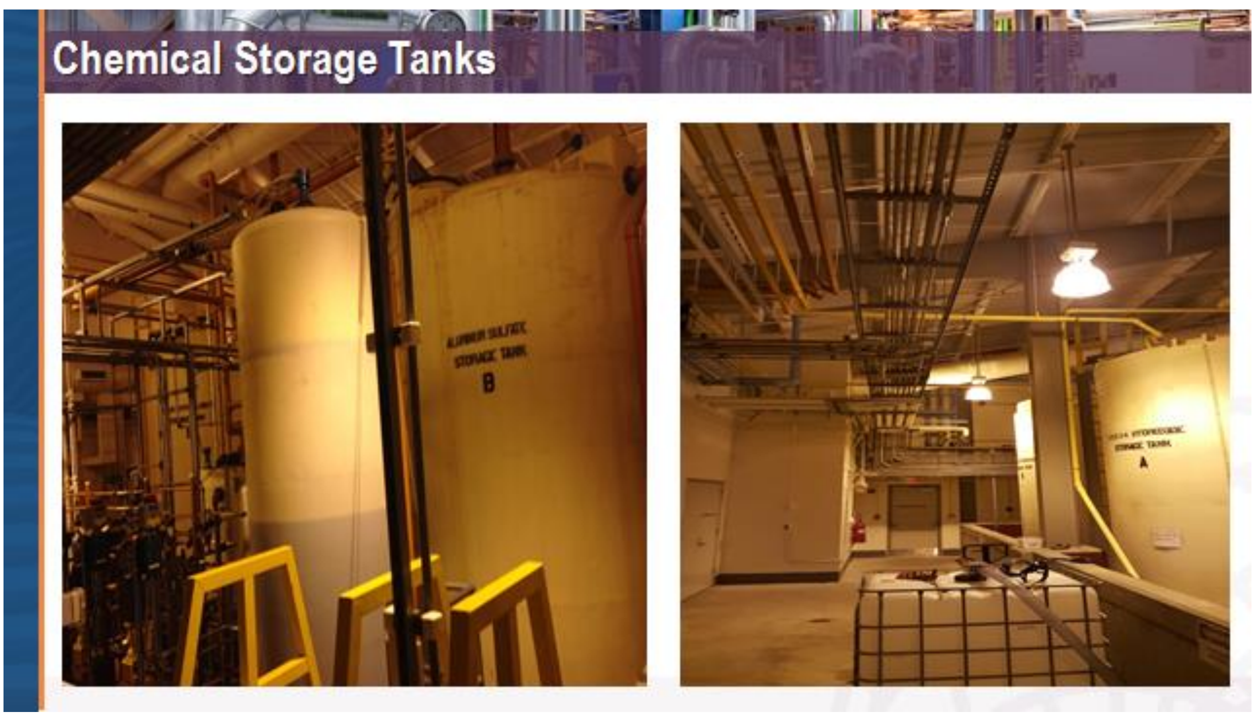
Chemical Storage Tanks

CIP Recommendation:

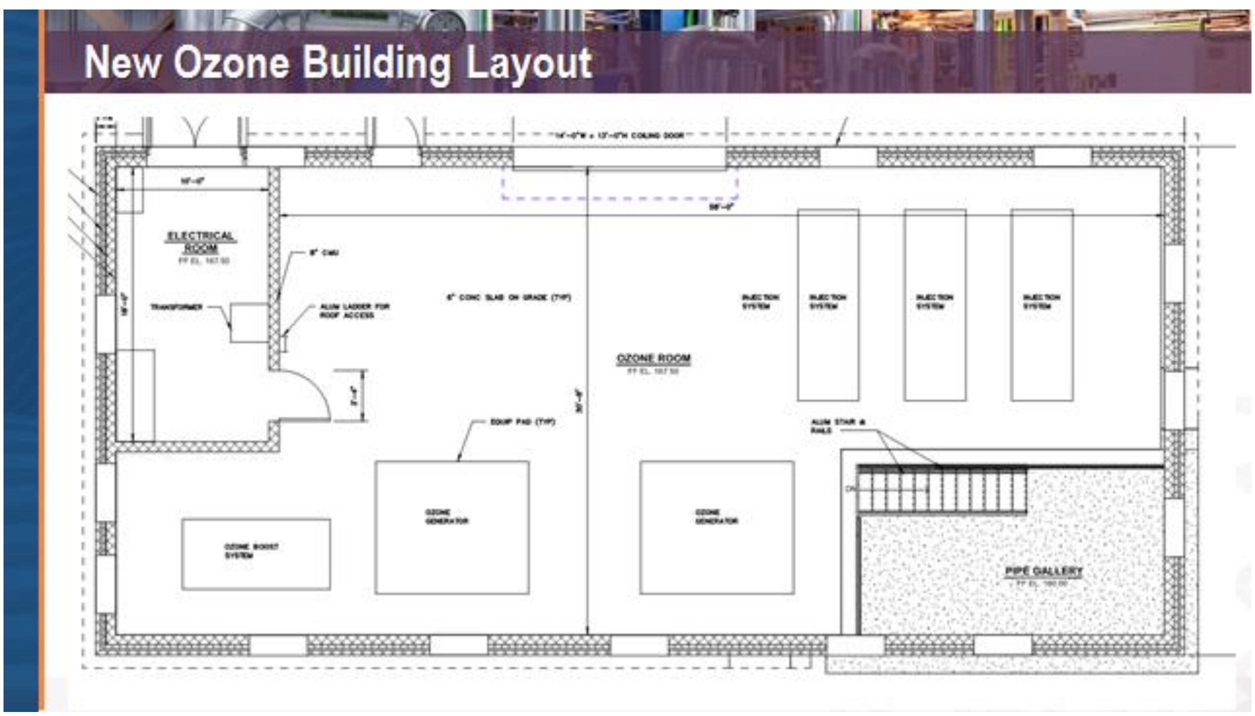
- Chemical Tank Useful Life 10 to 12-Year
- Polyethylene Tank, Sodium Hypochlorite (Hypo) Tank, Aluminum Sulfate (Alum) Tank, Sodium Hydroxide (Caustic) Tanks, and Ammonia Tank are all at 14 years old

Article 28 Fund Water Plant Improvements





Article 28 Fund Water Plant Improvements



Article 29 Purchase Equipment for the DPW

Article 29

Replace a 2009 Elgin Street Sweeper

Replace cemetery lawnmowers

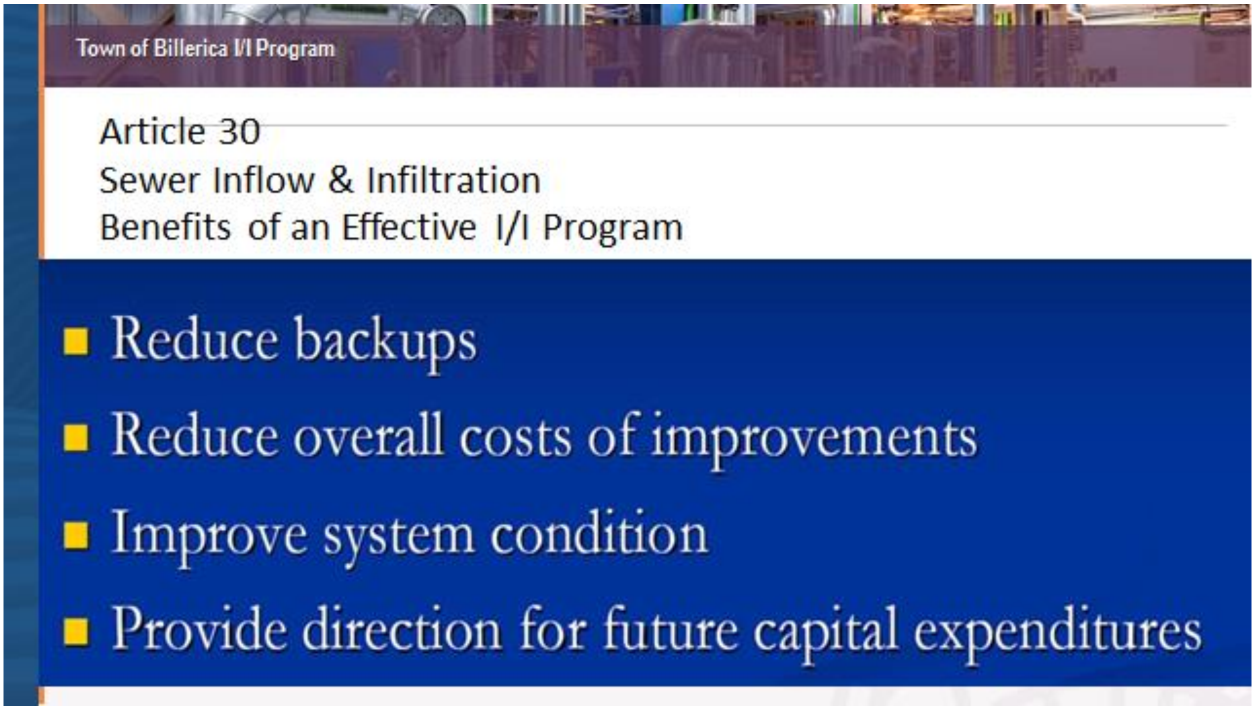
Article 29

Replace C-8 2005 with F150 and a Plow

Replace 2001 John Deere Backhoe,

Article 29 Purchase Equipment for the DPW

Article 30 Fund Sewer Inflow Infiltration



Town of Billerica I/I Program

What Steps the Town Has Taken So Far

2010-2014 Phase I - Planning:

- I/I Analysis and Sewer System Evaluation Survey (SSES) to Identify I/I Sources
- Included a Recommended Sewer Rehabilitation Design and Construction Program to Eliminate I/I Sources

Spring/Summer 2016 Phase II – I/I Removal:

- Sewer Rehabilitation Design and Construction Part 1 Manhole Rehabilitation
  - Watertight Manhole Frame and Cover Replacement
  - Root Removal and TV Inspection
  - Sewer Rehabilitation and Sealing
  - Sewer Cleaning and TV Inspection

Article 30 Fund Sewer Inflow Infiltration

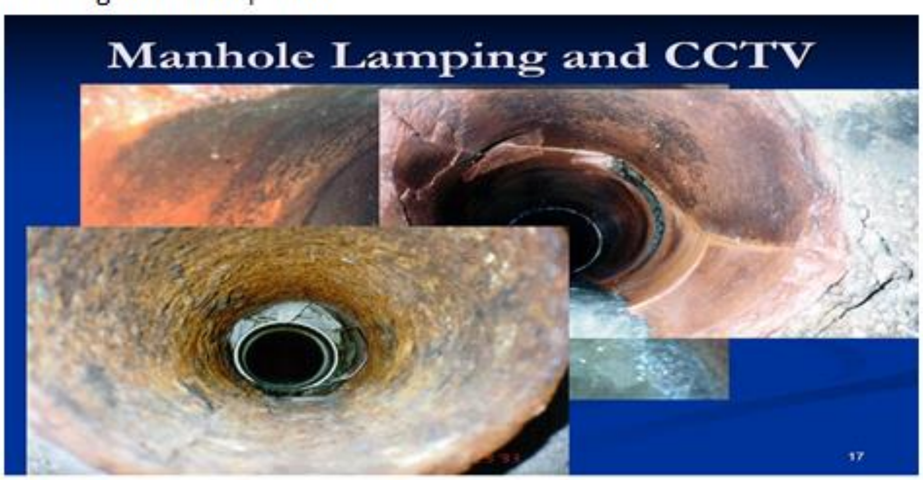
Town of Billerica I/I Program

Phase III – I/I Removal:

- Main Sewer Cleaning, TV Inspection & Removal
  - Manhole Lining and Grouting
  - Replacing Watertight Manhole Frames and Covers on Shawsheen Interceptor Sewer
  - Environmental Permitting for Work Adjacent to Shawsheen River
  - Major Interceptor Sewer Cleaning, TV Inspection & I/I Removal
  - Environmental Permitting to Perform Work

Town of Billerica I/I Program

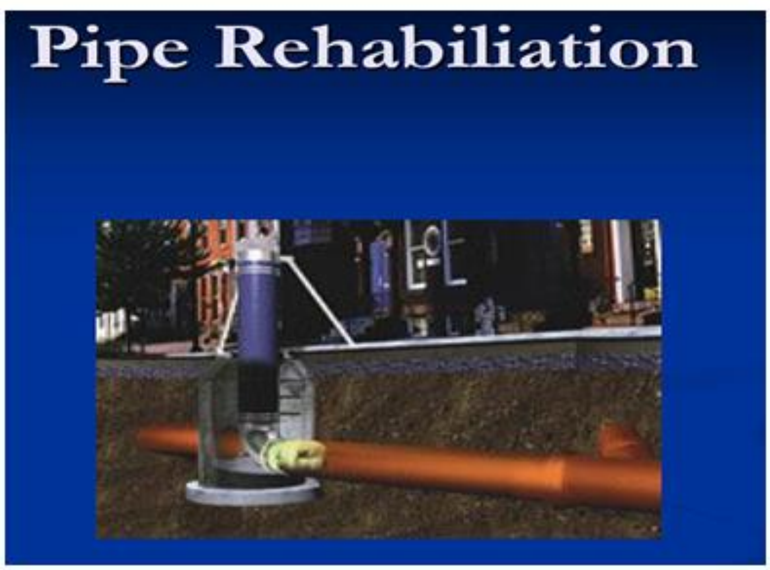
- Sewer Cleaning and TV Inspection



Article 30 Fund Sewer Inflow Infiltration

Town of Billerica I/I Program

- System Rehabilitation



Article 31 Authorize Lease/Purchase Agreements

Article 36 Install LED Streetlights

Retrofit Summary

	Energy Savings ($/yr)	Maintenance Savings ($/yr)	Total Savings ($/yr)	Gross Cost	Utility Incentive	MAPC Grant	Net Cost	Payback (Years)	Green Communities Grant	Net Cost	Payback (Years)
Municipal Ownership											
Convert to S-5 (and buy-back if needed)	N/A	$ 108,673	$ 108,673	$ 11,316	N/A	N/A	$ 11,316	0.1	$ 225,098	$ 11,316	0.1
LED Retrofit on S-5	$ 81,264	$ 15,780	$ 97,044	$ 810,710	$ 108,886	$ 179,304	$ 522,520	5.4		$ 522,520	5.4
Sub-Total	**$ 81,264**	**$ 124,453**	**$ 205,717**	**$ 822,026**	**$ 108,886**	**$ 179,304**	**$ 533,836**	**2.6**	**$ 225,098**	**$ 308,738**	**1.5**

Article 37 EMD Serono

EMD Serono TIF: Fast Facts and the Numbers

- **562 jobs**, with plans to add a minimum of another **50**
- The company will be investing **~$65.8M**
- New building will be **~140,000 square feet**
- Current Assessment: **$57,742,400**
- Incremental Increase: **$50,000,000**
- Building value after investment: **$107,742,400**
- The TIF Amendment for this phase is for **10 years**.
- TIF Percentages: **0%-50%-70%-60%- 50%-40%- 30%-20%- 10%-5%**
- Exemption: **$4,868,550** over the length of the TIF

- New taxes collected over the length of lease based upon the investment by EMD Serono: **$8,873,325**

The number do not fully reflect the benefit of attracting new investment into an existing state of the art research and development facility. EMD Serono is a supporter of various events (such as the holiday festival) and fabulous corporate tenant. The company will also be contributing to the Community Funds for Billerica.

Warrant Article 32

- To see if the Town will vote to approve a Certified Project Application submitted by EMD Serono Research & Development Institute, Inc. and EMD Serono, Inc. (collectively, EMD Serono), U.S. affiliates of Merck KGaA, Darmstadt, Germany, 45 Middlesex Turnpike for facilities more specifically described on Assessor's Map 109, Parcel 6-9. Said approval will provide local tax relief to promote economic development in accordance with G.L c.23A, ss 3A-3H; or act in relation thereto. In addition, the Project Certification confirms:
  - A. The project, as proposed, is consistent with and can reasonably be expected to benefit significantly from inclusion as a Certified Project.
  - B. The project, as described in the Project Certification Application, will increase employment opportunities for the residents of Billerica by allowing for continued growth and expansion of facilities in Billerica.
  - C. The Town requests that this project be designated as a certified project for a term of not less than five (5) years or more than twenty (20) years duration.

Article 37 EMD Serono

TIF Analysis

EDIP Local Incentive Only Application Exhibit 1: Local Incentive Valuation

FY	Municipal Tax Rate Per Thousand	Incremental Assessed Value	Projected Annual RE Property Tax Bill for Incremental Assessed Value	TIF/STA Yearly Exemption %	Exempted Annual RE Property Taxes	Exempted Annual Personal Property Taxes	Property Taxes Collected as a result of investment	Total Yearly Value of Local Tax Incentives
Year1	$31.41	$12,500,000.00	$392,625.00	0%	$0.00	$0.00	$392,625.00	$0.00
Year2	$31.41	$25,000,000.00	$785,250.00	50%	$392,625.00	$0.00	$392,625.00	$392,625.00
Year3	$31.41	$50,000,000.00	$1,570,500.00	70%	$1,099,350.00	$0.00	$471,150.00	$1,099,350.00
Year4	$31.41	$50,000,000.00	$1,570,500.00	60%	$942,300.00	$0.00	$628,200.00	$942,300.00
Year5	$31.41	$50,000,000.00	$1,570,500.00	50%	$785,250.00	$0.00	$785,250.00	$785,250.00
Year6	$31.41	$50,000,000.00	$1,570,500.00	40%	$628,200.00	$0.00	$942,300.00	$628,200.00
Year7	$31.41	$50,000,000.00	$1,570,500.00	30%	$471,150.00	$0.00	$1,099,350.00	$471,150.00
Year8	$31.41	$50,000,000.00	$1,570,500.00	20%	$314,100.00	$0.00	$1,256,400.00	$314,100.00
Year9	$31.41	$50,000,000.00	$1,570,500.00	10%	$157,050.00	$0.00	$1,413,450.00	$157,050.00
Year10	$31.41	$50,000,000.00	$1,570,500.00	5%	$78,525.00	$0.00	$1,491,975.00	$78,525.00
				TOTALS	**$4,868,550.00**	**$0.00**	**$8,873,325.00**	**$4,868,550.00**

This TIF incentivized the investment of over $65 million, creating a new building with an assessment of $50 million, and allows Billerica to collect $8,873,325 in new taxes as a result.

Article 40 MAC II PUD

The Theory of Mixed Use Zoning

- Dark ages of planning and origins of zoning-separation of uses to control impacts.
- Around 70's downtowns and back office parks began to see vacancies
- Planners had to turn traditional zoning upside down to turn liability to opportunity and create more sustainable conditions
- Uses that were previously separated to reduce competition were combined if complimentary - in 90s combined with smart growth to reduce sprawl, infrastructure costs
- Billerica has many "mixed use" overlays, PUD is just the latest

Zoning Map Change (Warrant Article 40)

- As PUD projects need to be a minimum of 60,000 square feet.
- None of the three 3 parcels to the north of the Treble Cove/Boston Road intersection (172, 176, and 184 Boston Road) can benefit from the mixed use overlay unless they are combined with another parcel.
- Billerica is proposing to add Parcel 15-132-0 (172 Boston Road) to the PUD.
- 176 Boston Road and 184 Boston Road are already part of the mixed use overlay.
- The owner of 172 Boston Road expressed interested in becoming part of the PUD.
- All of these properties are for sale.

Article 40 MAC II PUD

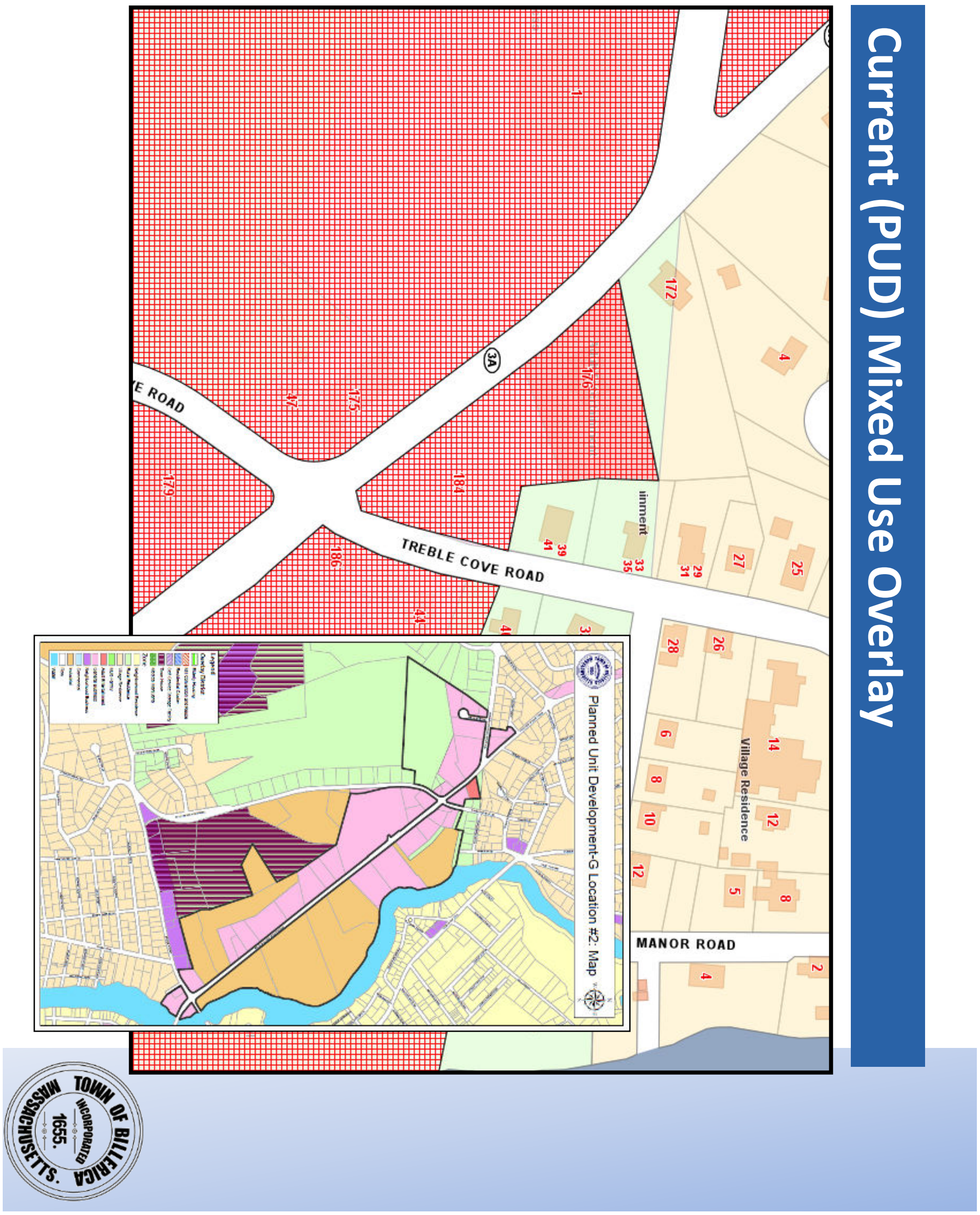
Zoning Map Change (Warrant Article 40)

- 176 Boston Road is the only parcel within the *Adult Entertainment District* and is being marketed to new strip club operators.
- **The inclusion of 172 Boston Road <u>will not</u> allow the strip club, or the adult entertainment use to expand onto this site.**
- The ultimate goal is for parcel consolidation to spur a higher level of development.
- In 2017, 66.2% of Town Meeting Reps (98) voted in favor of adding the parcel with 50 opposed; losing by 1 vote.
- There is no project at the moment, but we have missed opportunities because the PUD zoning has not been in place.

To add to the PUD Mixed Use Overlay

To see if the Town will vote to amend the Zoning Map by including the land identified as Billerica Assessor's Map 15, Parcel 132-0, having a present street address of 172 Boston Road, within the Planned Unit Development (PUD) Overlay District; or act in relation thereto.

Article 40 MAC II PUD



Article 40 MAC II PUD

To add to the PUD Mixed Use Overlay

Article 42

Article 25, STM 2002

FRANCIS ROAD

VOL.35, PAGE 29, STM May, 2002

ARTICLE 25: Accepted except for the sidewalks and bus shelter and to accept gifts of easements and any associated easements for drainage or other purposes.

VOL 35, PAGE 46, STM, May, 2002

ARTICLE 25: It was moved and seconded to accept Francis Road as a public way, except for the sidewalk and bus stop shelter areas lying outside the right of way and bordering the parcel at 464 Middlesex Turnpike, in accordance with the layout adopted by the Selectmen and on file with the Town Clerk and to authorize the Board of Selectmen to accept gifts of easements for said public way and any associated easements for drainage or other purposes.

The motion as presented CARRIED.

Bus shelter, wall, & sidewalk on private property

Appendix C

Statutory References

Statutory References – Spring Town Meeting – May 2019

Article 1

Chapter 41: Section 108. Compensation

Section 108. The salary and compensation of all elected officers of a town shall be fixed annually by vote of the town at an annual town meeting, but said salary or compensation may be revised by a two-thirds vote of any special town meeting called to conduct business later in the same fiscal year for which said salary or compensation was originally fixed; provided, however, that such salary revision occurs prior to the establishment of the tax rate of the town in said fiscal year. Except as provided in section four A and section one hundred and eight A, and except in any city in which salaries and wages are fixed by special law or by ordinance in accordance with the provisions of any general or special law, all boards or heads of departments of a town shall, as soon as may be after the passage of the annual budget, fix the salary or compensation of all officers or employees appointed or employed by them, subject to the provisions of section thirty-one of chapter forty-four. The provisions of this section shall be operative notwithstanding the provisions of sections thirteen and thirty-four of said chapter forty-four. A city may by ordinance prescribe that all fees, charges or commissions allowed by law to any officer thereof shall be paid into the city treasury and belong to the city, and in such case shall pay such officer such compensation as the city council may determine.

Article 2

Chapter 40: Section 49. Annual town reports; publication; penalty for noncompliance

Section 49. The selectmen, before the annual town meeting, shall at the expense of the town print the annual town report for the use of the inhabitants containing the report of the selectmen for the calendar or fiscal year preceding said meeting, the report of the school committee, statements in tabulated form prepared under section sixty of chapter forty-one unless otherwise printed as provided in said section, the annual report of the town accountant for the preceding fiscal year as provided in section sixty-one of chapter forty-one, the annual report of the town treasurer as provided in section thirty-five of chapter forty-one, and except as otherwise provided by vote or by-law of the town, of such other officers and boards as consider it expedient to make a report, the jury list as required by chapter two hundred and thirty-four, and such other matters as the law, or the town by vote or by-law, requires or as the selectmen consider expedient. If the selectmen neglect or refuse to make the annual report, they shall severally forfeit fifty dollars. A town may by by-law provide for the printing of such fiscal year reports as it deems suitable within ninety days of the close of the fiscal year. A copy of such fiscal year reports shall be transmitted by the town clerk to the state library before the first day of November. A town may also by by-law provide for the printing of all reports of town officers and boards, committees and commissions on a fiscal year basis in place of the calendar year report required by this section.

Article 22 and 23

Chapter 44: Section 53F1/2. Enterprise funds

Section 53F1/2. Notwithstanding the provisions of section fifty-three or any other provision of law to the contrary, a city or town which accepts the provisions of this section may establish a separate account classified as an "Enterprise Fund", for a utility, health care, recreational or transportation facility, and its operation, as the city or town may designate, hereinafter referred to as the enterprise. Such account shall be maintained by the treasurer, and all receipts, revenues and funds from any source derived from all activities of the enterprise shall be deposited in such separate account. The treasurer may invest the funds in such separate account in the manner authorized by sections fifty-five and fifty-five A of chapter forty-four. Any interest earned thereon shall be credited to and become part of such separate account. The books and records of the enterprise shall be maintained in accordance with generally accepted accounting principles and in accordance with the requirements of section thirty-eight.

No later than one hundred and twenty days prior to the beginning of each fiscal year, an estimate of the income for the ensuing fiscal year and a proposed line item budget of the enterprise shall be submitted to the mayor, board of selectmen or other executive authority of the city or town by the appropriate local entity responsible for operations of the enterprise. Said board, mayor or other executive authority shall submit its recommendation to the town meeting, town council or city council, as the case may be, which shall act upon the budget in the same manner as all other budgets.

The city or town shall include in its tax levy for the fiscal year the amount appropriated for the total expenses of the enterprise and an estimate of the income to be derived by the operations of the enterprise. If the estimated income is less than the total appropriation, the difference shall be added to the tax levy and raised by taxation. If the estimated income is more than the total appropriation, the excess shall be appropriated to a separate reserve fund and used for capital expenditures of the enterprise, subject to appropriation, or to reduce user charges if authorized by the appropriate entity responsible for operations of the enterprise. If during a fiscal year the enterprise incurs a loss, such loss shall be included in the succeeding fiscal year's budget.

If during a fiscal year the enterprise produces a surplus, such surplus shall be kept in such separate reserve fund and used for the purposes provided therefor in this section.

For the purposes of this section, acceptance in a city shall be by vote of the city council and approval of the mayor, in a town, by vote of a special or annual town meeting and in any other municipality by vote of the legislative body.

A city or town which has accepted the provisions of this section with respect to a designated enterprise may, in like manner, revoke its acceptance.

Article 24

CHAPTER 44B: COMMUNITY PRESERVATION

SECTION 5: Community preservation committee; members; recommendations

(2) The community preservation committee shall make recommendations to the legislative body for the acquisition, creation and preservation of open space; for the acquisition, preservation, rehabilitation and

restoration of historic resources; for the acquisition, creation, preservation, rehabilitation and restoration of land for recreational use; for the acquisition, creation, preservation and support of community housing; and for the rehabilitation or restoration of open space and community housing that is acquired or created as provided in this section; provided, however, that funds expended pursuant to this chapter shall not be used for maintenance. With respect to community housing, the community preservation committee shall recommend, whenever possible, the reuse of existing buildings or construction of new buildings on previously developed sites. With respect to recreational use, the acquisition of artificial turf for athletic fields shall be prohibited; provided, however, that any project approved by a municipality for the acquisition of artificial turf for athletic fields prior to July 1, 2012 shall be a permitted use of community preservation funding.

Section 6: Annual revenues; open space, historic resources and community housing

Section 6. In each fiscal year and upon the recommendation of the community preservation committee, the legislative body shall spend, or set aside for later spending, not less than 10 per cent of the annual revenues in the Community Preservation Fund for open space, not less than 10 per cent of the annual revenues for historic resources and not less than 10 per cent of the annual revenues for community housing. In each fiscal year, the legislative body shall make appropriations from the Community Preservation Fund as it deems necessary for the administrative and operating expenses of the community preservation committee and such appropriations shall not exceed 5 per cent of the annual revenues in the Community Preservation Fund. The legislative body may also make appropriations from the Community Preservation Fund as it deems necessary for costs associated with tax billing software and outside vendors necessary to integrate such software for the first year that a city or town implements the this chapter; provided, however, that the total of any administrative and operating expenses of the community preservation committee and the first year implementation expenses shall not exceed 5 per cent of the annual revenues in the Community Preservation Fund.
Funds that are set aside shall be held in the Community Preservation Fund and spent in that year or later years; provided, however, that funds set aside for a specific purpose shall be spent only for the specific purpose. Any funds set aside may be expended in any city or town. The community preservation funds shall not replace existing operating funds, only augment them.

Article 26

Chapter 44: Section 53E1/2. Revolving funds

Section 53E 1/2. Notwithstanding section 53, a city or town may authorize by by-law or ordinance the use of 1 or more revolving funds by 1 or more municipal agencies, boards, departments or offices, which shall be accounted for separately from all other monies in the city or town and to which shall be credited any fees, charges or other receipts from the departmental programs or activities supported by the revolving fund. Expenditures may be made from such revolving fund without further appropriation, subject to the provisions of this section; provided, however, that expenditures shall not be made or liabilities incurred from any such revolving fund in excess of the balance of the fund or in excess of the total authorized expenditures from such fund, and no expenditures shall be made unless approved in accordance with sections 41, 42, 52 and 56 of chapter 41.

Interest earned on any revolving fund balance shall be treated as general fund revenue of the city or town. No revolving fund may be established under this section for receipts of a municipal water or sewer department, a municipal hospital, a cable television access service or facility or for receipts reserved by law or as authorized by law for expenditure for a particular purpose. Revolving fund expenditures shall not be made to pay wages or salaries for full-time employees unless the revolving fund is also charged for the costs of fringe benefits associated with the wages or salaries so paid; provided, however, that such prohibition shall not apply to wages or salaries paid to full-time or part-time employees who are employed as drivers providing transportation for public school students; provided further, that only that portion of a revolving fund which is attributable to transportation fees may be used to pay the wages or salaries of those employees who are employed as drivers providing transportation for public school students; and provided further, that any such wages or salaries so paid shall be reported in the budget submitted for the next fiscal year.

A revolving fund shall be established pursuant to this section by by-law or ordinance. The by-law or ordinance shall specify for each fund: (1) the programs or activities for which the revolving fund may be expended; (2) the departmental receipts in connection with those programs or activities that shall be credited to the revolving fund; (3) the board, department or officer authorized to expend from such fund; and (4) any reporting or other requirements the city or town may impose. The establishment of any fund shall be made not later than the beginning of the fiscal year in which the fund shall begin. Notwithstanding this section, whenever, during the course of any fiscal year, any new revenue source becomes available for the establishment of a revolving fund under this section, such a fund may be established in accordance with this section upon certification by the city auditor, town accountant, or other officer having similar duties that the revenue source was not used in computing the most recent tax levy.

The city or town shall, on or before July 1 of each year, vote on the limit on the total amount that may be expended from each revolving fund established under this section. In any fiscal year, the limit on the amount that may be spent from a revolving fund may be increased with the approval of the city council and mayor in a city or with the approval of the board of selectmen and finance committee in a town.

Upon termination of a revolving fund, the balance in the fund at the end of that fiscal year shall revert to surplus revenue at the close of the fiscal year.

The director of accounts may issue guidelines further regulating revolving funds established pursuant to this section.

Article 31

Chapter 44: Section 21C: Lease purchase financing agreements

Section 21C. A city, town or district may by a two-thirds vote of its legislative body, if recommended by its chief executive officer, authorize any department of the city, town or district to enter into a lease purchase financing agreement to acquire equipment or improve a capital asset that may be financed by the issuance of debt under this chapter or otherwise authorized by law, for a term up to the useful life of the property to be procured as determined by its chief executive officer. Any lease purchase financing agreement under this section shall be considered a binding obligation of the city, town or district as if it were a debt authorization under this chapter, provided an appropriation available for the purpose has been made in the first fiscal year in which the lease becomes effective. Any city, town or district that follows the procedure in this section with respect to entering into a lease purchase financing agreement for the procurement of any personal property for the governmental entity, may refinance the purchase with the issuance of refunding bonds under section 21A to pay the balance of the lease obligation.

Articles 27, 28, and 36

CHAPTER 44. MUNICIPAL FINANCE

MUNICIPAL INDEBTEDNESS

Section 7. Cities and towns may incur debt, within the limit of indebtedness prescribed in section ten, for the purposes hereinafter set forth, and payable within the periods hereinafter specified or, except for clauses (3C), (11), (16), (18), (19), (21) and (22), within such longer period not to exceed 30 years based upon the maximum useful life of the public work, improvement or asset being financed, as determined in accordance with guidelines established by the division of local services within the department of revenue:

(1) For the construction or reconstruction of surface drains, sewers, sewerage systems and sewage treatment and disposal facilities, thirty years.

(14) For traffic signal, or public lighting installations, fire alarm or police communication installations and for the purpose of extending and improving such installations, ten years.

Section 8. Cities and towns may incur debt, outside the limit of indebtedness prescribed in section ten, for the following purposes and payable within the periods hereinafter specified or except with respect to clauses (1), (2), (3A), (5), (6), (7), (9) and (19), within such longer period not to exceed 30 years based upon the maximum useful life of the public work, improvement or asset being financed, as determined in accordance with guidelines established by the division of local services within the department of revenue:

(5) For the laying and relaying of water mains of not less than six inches but less than sixteen inches in diameter, and for lining and relining such mains with linings of not less than one-sixteenth of an inch, for the development of additional well fields, for wells and for pumping station equipment, forty years

Article 36

Chapter 44: Section 53F3/4: PEG Access and Cable Related Fund

Section 53F3/4. Notwithstanding section 53 or any other general or special law to the contrary, a municipality that accepts this section may establish in the treasury a separate revenue account to be known as the PEG Access and Cable Related Fund, into which may be deposited funds received in connection with a franchise agreement between a cable operator and the municipality. Monies in the fund shall only be appropriated for cable-related purposes consistent with the franchise agreement, including, but not limited to: (i) support of public, educational or governmental access cable television services; (ii) monitor compliance of the cable operator with the franchise agreement; or (iii) prepare for renewal of the franchise license.

Article 41

Chapter 138: Section 12B: Operation of premises licensed to sell alcoholic beverages; nudity

Section 12B. In any city or town which accepts the provisions of this section, no licensee, licensed under the provisions of section twelve, shall suffer or permit any person to appear on said licensed premises in any manner or attire as to expose to public view any portion of the pubic area, anus, vulva or genitals, or any simulation thereof, or shall suffer or permit any female to appear on licensed premises in such manner or attire as to expose to view any portion of the breast below the top of the areola, or any simulation thereof. Any violation of the provisions of this section shall be enforced by the alcoholic beverage control commission and the local authorities.

Other Statues
Acts of 1989, Chapter 45, Sections 1-6. An Act Establishing a Special Account for the Town of Billerica Sewerage Plant Expansion and Inflow Infiltration Fund

Section 1. Notwithstanding the provisions of any general or special law, rule or regulation to the contrary, the Town of Billerica is hereby authorized to establish a special account to be known as the Town of Billerica Sewerage Plant Expansion and Inflow Infiltration Fund. The purpose of such fund is to provide the revenue for the funding of engineering, construction and rehabilitation of sewerage treatment works, pumping stations and facilities located within the Town of Billerica and to provide revenues to do all things necessary to correct, remedy, repair, prevent and prohibit any and all forms of infiltration or inflow from groundwater and other sources of leakage into pipes, facilities and systems. Such special account shall be maintained by the Treasurer of the Town of Billerica in a banking institution doing business in the commonwealth, and expenditures from said special account shall be made subject to appropriation initiated by the Board of Selectmen upon the recommendation of the Director of Public Works and the Town Administrator of said town and approved by a majority vote of the Town Meeting.

Section 2. Payments to such account shall be made by applicants for connection to the sewer system of said town who are constructing or erecting new buildings or developing land for industrial, commercial and residential uses. The method and amount of such payments from such private sources shall be as determined by a schedule of fees to be set by the Board of Selectmen. Said schedule shall provide for the method of determining the amount of each payment from such applicants based upon their anticipated water and sewer use by each and for the particular kind of development contemplated.

Section 3. Appropriation from time to time may be made by the Town of Billerica into said special account for the purpose of providing additional funds for aforesaid engineering, construction and rehabilitation of sewerage treatment works, pumping stations and facilities.

Section 4. The Treasurer of the Town of Billerica shall be authorized to invest monies in said special account and the interest accruing shall inure to the benefit of said special account. Said special account shall be maintained in accordance with generally accepted accounting principles and shall be audited annually with the cost of such audit charged to said special account.

Section 5. The Director of Public Works for the Town of Billerica, with the approval of the Town Administrator, may make applications for available State and Federal Government Grants for the engineering, construction and rehabilitation of sewerage treatment works, pumping stations and facilities, and to pledge any and all such sums for money in said account with the approval of the Board of Selectmen and the Town Meeting for any such matching grants for engineering, construction and rehabilitation of sewerage treatment works, pumping stations and facilities.

Section 6. The Town Accountant shall file jointly with the Board of Selectmen, the Town Administrator, the Treasurer, the Finance Committee and with the Bureau of Accounts, a written report relative to such special account authorized by Section 1.
Said report shall be made within one hundred and twenty days after the books of account are closed for each fiscal year. Such report shall include a financial statement relating to the operation, maintenance and expenditures made under the said special account. Said Board of Selectmen may review and comment on said report and file such review with the State Auditor.

LAND BANK

Chapter 100 of the Acts of 2000

AN ACT AUTHORIZING THE TOWN OF BILLERICA TO ESTABLISH A CERTAIN FUND.
Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:
Notwithstanding the provisions of section 53 of chapter 44 of the General Laws or any other general or special law to the contrary, the town of Billerica may establish a separate fund to be known as the Land Bank Fund which shall be kept separate and apart from all other monies of the town. The treasurer may invest the funds in the manner authorized by sections 54 and 55 of said chapter 44. The principal and interest thereon may be expended for the purchase of interests in lands and buildings for conservation, open space, recreational or any other municipal purposes upon a two-thirds vote of the town meeting.
Approved June 9, 2000.

CHAPTER 392: AN ACT AUTHORIZING THE TOWN OF BILLERICA TO ESTABLISH A BILLERICA WATER CONSERVATION FUND. (see House, No. 1918) Approved by the Governor, December 16, 2010

SECTION 1. Notwithstanding any general or special law or rule or regulation to the contrary, the town of Billerica may establish a Billerica Water Conservation Fund. The purpose of the fund shall be to provide revenue for the funding of water management and conservation initiatives by the town, including the design, construction and implementation of measures to conserve water and assure the efficient operation of the town's public water supply system and to provide public education relating to water conservation plans and programs, consistent with the water conservation policy of the town of Billerica. The fund shall be maintained by the treasurer of the town and may be deposited in a suitable banking institution doing business in the commonwealth or invested by the treasurer as provided herein. Expenditures from the fund shall be made subject to appropriation initiated by the board of selectmen upon the recommendation of the director of public works and the town manager of the town and approved by the voters at a town meeting.

SECTION 2. Payments to the fund shall be made by applicants for permits to connect to the public water supply system of the town of Billerica who are constructing or erecting new or expanded buildings or otherwise developing land for industrial, commercial and residential uses. The method and amount of the payments from the applicants or developers shall be determined by a schedule of fees to be established by the board of selectmen upon recommendation by the director of public works, as provided in the water conservation policy of the town of Billerica. The schedule of fees shall provide the method for determining the amount of each payment from the applicants or developers based upon their anticipated water use for each type of proposed development.

SECTION 3. In addition to the aforementioned fees, monies may also be deposited into the fund from gifts, grants and donations received from public or private sources, from federal and state funding programs available to the town and from any other source authorized by law. Further, appropriations may be made into the fund, from time to time, by the town of Billerica to provide additional funds for the aforesaid water conservation and management purposes.

SECTION 4. The treasurer of the town of Billerica may invest monies deposited in the fund and the interest accruing shall inure to the benefit of the fund. The fund shall be maintained in accordance with generally accepted accounting principles and shall be audited annually and the cost of each audit shall be charged to the fund.

SECTION 5. The director of public works of the town of Billerica, with the approval of the town manager, may make applications for available state and federal government grants for the design, construction, management, conservation and rehabilitation of public water supply facilities and pledge any sums of money in the fund, with the approval of the board of selectmen and the town meeting, for any matching grants for the design, construction, management, conservation and rehabilitation activities.

SECTION 6. The town accountant shall file jointly with the board of selectmen, the town manager, the treasurer, the finance committee and the bureau of accounts, a written report relative to the fund under this act. The report shall be made within 120 days after the books of account are closed for each fiscal year and shall include a financial statement relating to the

operation, maintenance and expenditures made under the fund. The board of selectmen may review and comment on the report and file the review with the state auditor.
Approved, December 16, 2010.

Apendix D

Capital Plan

Capital Plan Narrative

FY2020 Revenue Summary

Tax Levy	$ 129,039,792.73	72%
Local Aid	26,355,422.00	15%
Local Receipts	12,209,000.00	7%
Enterprise Receipts	9,800,000.00	5%
Other Revenue Resources	2,453,656.00	1%
Total Projected Revenue	**$ 179,857,870.73**	100%

Table 1

Revenue Capacity

The Town has a Revenue Capacity of approximately $195 Million annually. The Town projects a revenue need of $180 Million. This results in an excess levy capacity of approximately $15 million – $1 million greater than two years ago. 72% of the town's revenue capacity is generated by the tax levy and 12% from local receipts. 15% of the town revenue comes from state aid. The total FY2020 annual budget including Enterprise Budgets is approximately $169 Million. Annual Debt Service is $13.9 Million. This represents just above 8% of the annual budget – DOR Guidelines recommend 10 % or lower.

Debt Stabilization Policy

The Town of Billerica maintains a levy commitment every year of $9.066 Million dollars. In the years that the town debt service requirement is below this commitment the difference is appropriated to a debt stabilization fund. In the years that the debt service spikes over that commitment the town will appropriate the difference from the stabilization fund. The Town has not had the need to use the stabilization up to this point for general debt. The Town will appropriate $1.425 million from the Debt Stabilization fund to fulfill the policy on excluded debt – which is to ensure that the tax impact on the median household does not exceed $200 annually. The Graph and Table 3 below project when the Town will need to use stabilization funds and how much it will need to fund the Town's long term capital needs. The Town needs approximately $19 Million to fund the long term capital plan for the two debt excluded schools to limit the impact to $200 annually on the median household. The Town will have approximately $19 million in the debt stabilization fund by the fall of 2018 (see Table 2). An additional $33 million

History of Debt Stabilization

Date	Source	Article	Appropriation
10/4/2011	Free Cash	23	1,373,593
6/30/2012	Interest		10,339
10/2/2012	Levy	12	724,588
10/2/2012	Free Cash	23	1,289,321
6/30/2013	Interest		80,692
10/1/2013	Levy	16	908,817
10/1/2013	Free Cash	31	753,836
6/30/2014	Interest		72,634
10/7/2014	Free Cash	20	1,102,100
10/7/2014	Overlay Surplus	18	2,720,172
6/30/2015	Interest		175,327
10/6/2015	Free Cash	13	1,800,000
6/30/2016	Interest		311,248
10/4/2016	Levy	12	735,000
10/4/2016	Free Cash	13	731,856
10/4/2016	WW RE	13	1,068,144
5/1/2017	Overlay Surplus	20	1,200,623
6/30/2017	Interest		481,609
11/21/2017	W/D	12	(1,400,000)
11/21/2017	Free Cash	23	1,800,000
11/21/2017	Levy	11	60,434
11/21/2017	Interest		72,667
Subtotal:			**$ 16,073,001**
Total			**$ 16,073,001**

Date	Source	Article	Appropriation
5/1/2018	*Levy*	*3*	*766,198*
10/2/2018	*W/D*	*xx*	*(1,625,000)*
10/2/2018	*Free Cash*	*xx*	*1,800,000*
2018-2019 Appropriations			$ 941,198
Projected Balance Fall 2018			**$ 18,814,199**

Table 2

will be needed to maintain a $9 million impact on the levy of all general debt. This can be attained by appropriating $1.8 million from free cash annually (see Table 3). At this rate the town will easily meet the goal of $33 Million within the next 20 years through free cash

Town of Billerica
Debt Stabilization Fund Schedule

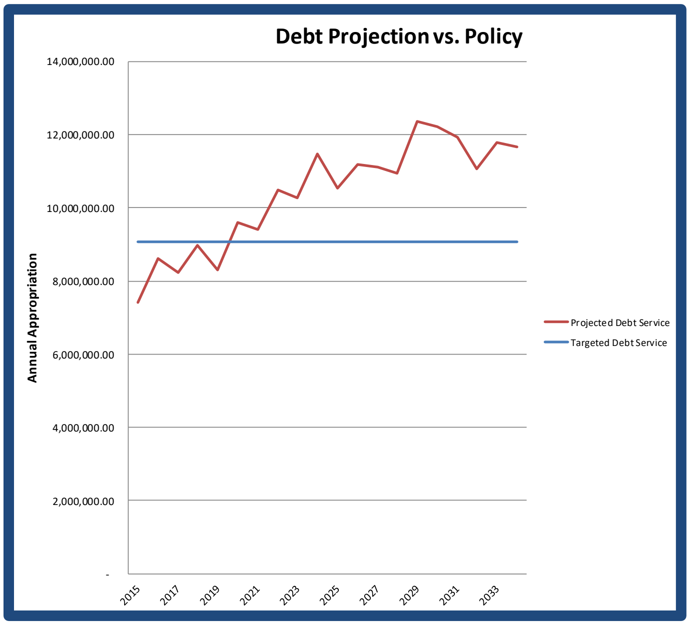
			Appropriations		Draw Down		
Fiscal Year	Beginning Balance	Interest	Levy	Free Cash	Wastewater	HS Debt Exclusion	Ending Balance
2016	9,094,440	173,191	0	1,800,000	0		11,067,631
2017	11,447,593	341,697	823,277	3,000,000	0		15,612,567
2018	15,612,567		60,434	1,800,000	0	-1,400,000	16,073,001
2019	16,073,001	305,387	766,198	1,800,000	0	-1,625,000	17,319,586
2020	17,319,586	329,072	0	1,800,000	-534,555	-1,425,000	17,489,104
2021	17,489,104	332,293	0	1,800,000	-334,062	-1,125,000	18,162,334
2022	18,162,334	345,084	0	1,800,000	-1,426,876	-1,000,000	17,880,543
2023	17,880,543	339,730	0	1,800,000	-1,216,214	-1,250,000	17,554,060
2024	17,554,060	333,527	0	1,800,000	-2,401,297	-725,000	16,561,290
2025	16,561,290	314,665	0	1,800,000	-1,466,306	-700,000	16,509,648
2026	16,509,648	313,683	0	1,800,000	-2,115,505	-1,000,000	15,507,827
2027	15,507,827	294,649	0	1,800,000	-2,046,909	-800,000	14,755,567
2028	14,755,567	280,356	0	1,800,000	-1,891,184	-900,000	14,044,739
2029	14,044,739	266,850	0	1,800,000	-3,307,548	-775,000	12,029,041
2030	12,029,041	228,552	0	1,800,000	-3,159,397	-775,000	10,123,196
2031	10,123,196	192,341	0	1,800,000	-2,868,484	-925,000	8,322,052
2032	8,322,052	158,119	0	1,800,000	-2,008,960	-900,000	7,371,211
2033	7,371,211	140,053	0	1,800,000	-2,716,345	-950,000	5,644,919
2034	5,644,919	107,253	0	1,800,000	-2,591,546	-525,000	4,435,627
2035	4,435,627	84,277	0	1,800,000	-2,570,032	-500,000	3,249,872
2036	3,249,872	61,748	0	1,800,000	0	-475,000	4,636,620
2037	4,636,620	88,096	0	1,800,000	0	-400,000	6,124,715
2038	6,124,715	116,370	0	1,800,000	0	-400,000	7,641,085
2039	7,641,085	145,181	0	1,800,000	0	-400,000	9,186,266
2040	9,186,266	174,539	0	1,800,000	0		11,160,805
Totals		**5,466,712**	**1,649,909**	**55,847,593**	**-32,655,218**	**-18,975,000**	

Table 3

appropriations and levy appropriations dictated by this policy.

The Town Debt Stabilization Policy has two objectives. One is maintaining the general fund debt at $9 Million by using this fund. The second is using debt stabilization to buffer the impact of debt exclusions. It is projected that $19 Million will be needed to contain the impact of two debt exclusion on the median single family tax bill to $200 annually. The total debt stabilization need over 20 years is $51 Million (see Table 3).

Capital Plan Narrative



The Capital Plan

The Town has Short Term Capital Plan and a Long Term Capital Plan. The Short Term Plan is funded through budget appropriations and one-time free cash appropriations. Each year $1 million or more is appropriated for Short Term Capital. Long Term Capital needs are handled through debt service as outlined in the Debt Service Policy. New School projects are handled through debt exclusions and have no impact on the operating budget.

There are four components to the Capital Plan; the Short Term Plan, the Long Term Plan, the school plan and the Roadway Management Plan. The Short Term, School and Roadway Management Plans are attached and provide much greater detail. The High School is the biggest capital need in the School Plan. It is expected that the existing debt exclusions will be replaced by other debt exclusions five years into the future to address a significant middle school project. Roadway projects are funded through local appropriation, chapter 90 funds and state grant monies. The Long Term Plan is also attached however there are two significant separate reports that are part of the Long Term Plan – the Comprehensive Wastewater Management Plan (CWMP)and the Water Capital Improvement Plan (CIP). Summaries of these reports are also attached as supporting documentation. The CWMP is projected to cost $260 Million over 25 years. These costs are included in the Long Term capital Plan. The Water Department CIP has $10 Million of Capital needs in the foreseeable future and is funded annually through 3% annual water fee increases as illustrated in the attached Water CIP. A description of these two significant capital resources is provided below for context.

Sewer Capacity and Wastewater Management Infrastructure

The Town is in the process of completing an aggressive sewer expansion program. The Town's public sewer system covers 85% of the community, up from 70% in 2004. The wastewater collection system is comprised of 190 miles of sewer ranging from 8 inch to 45 inch gravity lines and force mains. The Town operates a Grade 7 Wastewater Treatment Plan with design capacity of 5.5 million gallons per day (MGD). The plant treated 1,24 Billion gallons of wastewater in 2016 and the average daily flow at the plant was approximately 3.4 MGD, a significant increase (>2 MGD) from 2002 levels. There are twenty-five (25) pumping stations located throughout town.

Capital Plan Narrative

The Town has been fairly aggressive in expanding the sewer system in order to serve the entire community. The following sewer contracts have been completed or recently initiated:

- Contract 34B – 5.53 miles of sewer and 1.5 miles of water infrastructure. 285 homes to be serviced was completed in the fall of 2016.
- Salem Road Infrastructure – 2,600’ sewer, 2,800’ water and 1,000’ drain. Sidewalk and signal. Completion date of June 2017.
- Rangeway Road (Aspen Apartments) – Private sewer extension. 18 properties to be serviced. Was completed in November 2016 with final paving in 2017.

Sewer contract 36 for $14 million has been designed for the Route 129/Andover Road area and will be funded for construction in Spring 2017. The Town spends $20-25 million every two years on sewer expansion projects. The completion date is anticipated to be 2035 after spending an additional $140 million. The Town actively uses an Enterprise Fund to plan for the expansion of the sewer system. Several other areas to be addressed include the High School area and Middlesex Corporate Park. While the treatment plant is fully built out, Waterline Industries just completed a $4 million contract for Phase 2 renovations at the plant, which included the rehabilitation of primary clarifiers and aeration tanks, the installation of a second Fournier Press and replacement of a sludge conveyor, primary sludge pumps and supporting electrical equipment and piping.

Public Water Supply Infrastructure

The Concord River is the sole source of drinking water for the Town of Billerica, with public water available to the entire Town. The first Water Treatment Plant was built in 1955 with a capacity of 3.5 million gallons per day (MGD) with expansion capacity up to 7 MGD. By 1967 the plant was expanded to its intended maximum capacity. With more extensive growth in Billerica, the plant’s capacity was increased to 14 MGD in 1976. Due to problems with the existing water treatment plant, the Town broke ground in 2003 on a new $25 million water treatment plant located off Treble Cove Road, with a capacity of 14 million gallons per day (gpd). The new water treatment plant was in response to numerous problems with deferred maintenance. The new plant did not increase the amount of water withdrawn from the Concord River; however it was designed to improve the quality of the drinking water.

The Town has MassDEP approval to withdraw 5.34 million gdp on an annual average. The town’s annual water consumption in FY 15 was approximately 1.784 billion gallons, with an average of 4.89 gallons of water used per day. The highest daily pumping occurred on 7/27/2016 when 9.53 million gallons were produced. The water treatment plant has benefited from assistance from National Grid through the installation of 57 Variable Frequency Drives (VFD) through ICS Corporation at a cost of $95,000 by National Grid. The installation of these VFDs has resulted in an annual electricity savings of $45,000 per year. Major water projects in the community have included the following:

Capital Plan Narrative

The following Streets had new water main installation under Contract 35:

- **Agawam Circle Allen Road to cul-de-sac 330 lf 6 inch DIP**
- **Allen Road Agawam Circle to Allen Road Ext. 448 lf 8 inch DIP**
- **Alton Street Baldwin Road to cul-de-sac 420 lf 8 inch DIP**
- **Boynton Lane Andover Road to dead end 440 lf 8 inch DIP**
- **Marlyn Road Pond Street to cul-de-sac 1731 lf 10 inch DIP**
- **Pondover Road Andover Road to Pond Street 1952 lf 8 inch DIP**
- **Rosa Circle Pondover Road to cul-de-sac 202 lf 8 inch DIP**
- **Sandberg Road Andover Road to Tercentennial Drive 297 lf 10 inch DIP**
- **Sandberg Road Tercentennial Drive to Arakelian Drive 664 lf 8 inch DIP**
- **Tercentennial Drive Sandberg Road to Kenrick Ave 1051 lf 10 inch DIP**

Billerica Sewer Needs Collection Systems
Priority and Cost analysis

Need Area	Total Sewer Pipe (Feet)	Total Cost for Needs Area (2015 $)	Cost per LF	Parcels in Area	Cost per Parcel	Environmental Need	Environmental Need High	Environmental Need Medium	Environmental Need Low	% of Parcels (13,368 Total)	% Complete (82.9% to date)	% Residentia
2&8	29,200	$ 10,869,950	$372.26	285	$ 38,140.18	High	$10,869,950			2.1%	85.1%	98
3	30,200	$ 13,913,900	$460.73	247	$ 56,331.58	High	$13,913,900			1.9%	86.9%	87
4	21,200	$ 9,728,550	$458.89	223	$ 43,625.78	High	$ 9,728,550			1.7%	88.6%	97
5	Installed with Bertha & Poe										88.6%	
6	23,800	$ 10,948,600	$460.03	148	$ 73,977.03	High	$10,948,600			1.1%	89.7%	90
7	26,900	$ 12,104,950	$450.00	167	$ 72,484.73	High	$12,104,950			1.3%	90.9%	70
8	Included with Need Area 2										90.9%	
9	27,300	$ 12,548,250	$459.64	262	$ 47,894.08	High	$12,548,250			2.0%	92.9%	69
10	28,700	$ 13,049,400	$454.68	176	$ 74,144.32	High	$13,049,400			1.3%	94.2%	89
11	10,000	$ 4,251,000	$425.10	76	$ 55,934.21	Medium		$ 4,251,000		0.6%	94.8%	89
12	21,900	$ 9,932,650	$453.55	240	$ 41,386.04	Medium		$ 9,932,650		1.8%	96.6%	89
13	9,800	$ 4,397,250	$448.70	62	$ 70,923.39	Medium		$ 4,397,250		0.5%	97.1%	72
14	5,900	$ 2,675,400	$453.46	48	$ 55,737.50	Medium		$ 2,675,400		0.4%	97.4%	96
15	3,500	$ 1,551,550	$443.30	32	$ 48,485.94	Medium		$ 1,551,550		0.2%	97.7%	82
16	17,200	$ 7,511,400	$436.71	147	$ 51,097.96	Medium		$ 7,511,400		1.1%	98.8%	84
17	2,900	$ 1,305,850	$450.29	21	$ 62,183.33	Medium		$ 1,305,850		0.2%	98.9%	91
18	Installed with Contract 34A - East Billerica										98.9%	
19	2,200	$ 763,100	$346.86	21	$ 36,338.10	Low			$ 763,100	0.2%	99.1%	93
20	3,100	$ 1,001,000	$322.90	20	$ 50,050.00	Low			$ 1,001,000	0.2%	99.2%	80
21	2,800	$ 1,264,900	$451.75	19	$ 66,573.68	Low			$ 1,264,900	0.1%	99.4%	27
22	9,300	$ 4,213,300	$453.04	43	$ 97,983.72	Low			$ 4,213,300	0.3%	99.7%	80
23	6,400	$ 2,902,900	$453.58	35	$ 82,940.00	Low			$ 2,902,900	0.3%	100.0%	45
24	700	$ 313,950	$448.50	4	$ 78,487.50	Low			$ 313,950	0.0%	100.0%	0
25	4,300	$ 1,915,550	$445.48	8	$239,443.75	Low			$ 1,915,550	0.1%	100%	100
TOTA	**287,300**	**$127,163,400**		**2284**			$83,163,600	$ 31,625,100	$12,374,700			

Town of Billerica - Long Term Capital Plan FY19 to FY23

Department	Project	Funding Source	TM Action	FY20	FY21	FY22	FY23	FY24
DPW- Administration	Design New DPW Facility	Bond		1,600,000				
	Construct New Highway Facility	Bond						30,000,000
DPW - Cemetery, Parks and Trees Division	Cemetery Expansion	Bond						
	Fox Hill Cemetery Nich Wall	Sale of Lots and Graves						
DPW - Wastewater	Facility Improvements Co Mag	Bond	Art 32, ATM 2007					
	Pump Station CIP Phase 3 Improvements Design	Fall 2018 TM, Art. 14	TBD					
	Sewer System Expansion Needs Area and Salem Road Downstream Sewer Improvements Design	Bond	TBD	10,150,000				
	Sewer System Expansion Needs Area 3 (36) Construction	Bond	Art. 23, ATM, 2017					
	Sewer System Expansion Needs Area 4 and 6 Design (Contract 37,38)	Bond	TBD					
	Sewer System Expansion Needs Area 4 and 6 (Contract 37,38)	Bond	TBD					
	WWTF CIP Phase 3 Improvements	Bond	TBD		7,239,000			
	Sewer System Expansion Needs Area 7 Design (Contract 39)	Bond	TBD	1,250,000				
	Sewer System Expansion Needs Area 9 Design (Contract 40)	Bond	TBD		1,250,000			
	Sewer System Expansion Needs Area 7 (Contract 39)	Bond	TBD			12,100,000		
	Sewer System Expansion Needs Area 9 (Contract 40)	Bond	TBD				12,550,000	
	Concord River Interceptor Improvements	Bond	TBD					
	Pump Station CIP Phase 4	Grant	TBD		1,311,800			
DPW - Engineering - Highway	Roadway Management	Chapter 90/Budget	TBD	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
	Sidewalk Construction & Rehab	Chapter 90/Budget	TBD					
	MTP Concord to Manning	Chapter 90/Budget	TBD			1,600,000		
	Bikepath Design and Takings	Budget	TBD			1,000,000		
	Allen Road Improvements	Bond Authorization	Art. 19, ATM, 2014					
	Roger Street Roadway and Sidewalk Improvements	Chapter 90/Budget	N/A					
	Drainage Improvements, Frost Street	Free Cash	Article 18, FTM 2018					
DPW - Highway	Car/Truck Wash	Bond	TBD			1,000,000		
DPW - Engineering - Sewer	Allen Road Water Improvement and Dry Sewer	Bond	Article 19, STM 2014					

DPW - Water	Water Main Program	Free Cash	TBD					
	Water main Replacement Allen Rd	Bond	Article 26, ATM 2017					
	Frost Street Drainage and Water main Replacement	Bond/Fees	TBD					
	WTP Residuals Processing Facility		TBD					
	WTP Ozone Improvements Design	Fall 2018 TM, Art. 14	TBD					
	WTP Ozone Improvements	Bond	TBD	9,086,750				
	Water Meter replacement - Town Wide	Bond/Fees	Article 25, ATM 2017					
Police	Upgrade Police Radio System	Bonding	TBD					
Fire Department	Fire Pumper - Engine 2	Bonding	TBD					
	Fire Pumper - Engine 3	Bonding	TBD		625000			
	Fire Pumper - Engine 5	Bonding	TBD				625,000	
	Replace 1999 Freightliner Heavy Rescue		TBD	700,000				
	Brush Truck		TBD					
	Pinehurst Station		TBD				300,000	10,000,000
Recreation	Micozzi Beach Facility Design	Bond	TBD					
	Peggy Hannon-Rizza Recreation Complex Phase Two	Bond	TBD					
	Hajjar School Softball Field (school)	Bond	TBD					
	Peggy Hannon-Rizza Recreation Complex Phase Three	Bond	TBD					
	Peggy Hannon-Rizza Recreation Complex Phase Four Design	Appropriation	CPA Fund					
	Environmental Center	Bond	TBD					
	Kohlrausch Park Facility, preschool structure, restroom and storage facility	Reserves	TBD					
	Yankee Doodle Bike Path 75% Design	Appropriation	CPA Fund					
	Receation Facility Roof Replacement	Reserves	TBD					
	Recreation Facility Window Replacement	Reserves	TBD					
	Marshall Middle School Sports Complex Lights for Softball and Baseball Fields	Bond	TBD					
	Design and Build 2 Nieghborhood Parks	Reserves	TBD					
Town Hall	Replace Roof	Bond	TBD					
Council on Aging	Generator for Entire Building	Reserves	TBD					
	Rubber and Copper Roof Replacement	Reserves	TBD					
Library	Exterior Maintenance/Coupala	Reserves	TBD					
	Roof Replacement			135,000				
Town Manager	Town Center Traffic Roadway Improvements	Reserves	TBD					
	Howe School	Appropriation	CPA Fund	5,000,000				
	Codification of Town Bylaws and Policies	Reserves	TBD					
Total Town				**$29,421,750**	**$11,925,800**	**$17,200,000**	**$14,975,000**	**$41,500,000**
Water and Sewer Funded				**$20,486,750**	**$9,800,800**	**$12,100,000**	**$12,550,000**	**$0**
Town less W&S				**$8,935,000**	**$2,125,000**	**$5,100,000**	**$2,425,000**	**$41,500,000**
	Total Town Departments			29,421,750	11,925,800	17,200,000	14,975,000	41,500,000

Capital Plan

Town of Billerica - Five Year Capital Plan FY20 to FY24

Department	Project	Funding Source	FY20	FY21	FY22	FY23	FY24
	John Deere Side Shift Backhoe Loader	Budget/Free Cash	120,000				
DPW - Parks and Trees							
	Landscaping Equipment	Budget/Free Cash	60,000	60,000	60,000	60,000	60,000
	F250 Pick up with Plow, replacement for C1	Budget/Free Cash		38,000			
	F250 Pick up with Plow, replacement	Budget/Free Cash	68,000				
	F250 Pick up with Plow, replacement	Budget/Free Cash					
	F150 with a plow to replace	Budget/Free Cash					
	F150 with a plow to replace	Budget/Free Cash					
	Agent Orange Memorial	Budget/Free Cash					
	Locke Baseball Field Access Project	Budget					
	Dutile Field Project	Budget	150,000				
	Kennedy Field Project	Budget		150,000			
	Hajjar School Softball Field (school)	Budget			150000		
	PHR Complex	Budget				150000	
DPW - Wastewater	Replacement Vehicle	Art. 20, STM 2012					
	Sewer Inflow Infilltration Removal Program	I/I Funds	100,000	100,000	100,000	100,000	100,000
DPW - Engineering	Drainage improvement on River Street	Budget					
	Survey, Plan Acceptance and Repair of unaccepted Ways	Free Cash	200,000	200,000	200,000	200,000	200,000
	Traffic Study for Spped Limits		30,000				
	Repair of Sewer Manhole	I/I Funds	50,000	50,000			
DPW - Water	Water Rebate Program for homeowners funded through the Water Conservation Fund	Water Conservation Fund					
	Water Rebate Program for homeowners funded through the Water Conservation Fund	Water Conservation Fund	50,000	50,000			
	Hydrants and Valves	Budget	250,000	250,000	200,000	200,000	200,000
	Purchase and intallation of Gate Valves	Water Conservation Fund					
	Compact FWD Van	Budget					
	Replace W-20 Dump Truck 2002	Budget					
	ReplaceBackhoe W-40	Budget		120,000			
	Bobcat for Water Distribution	Budget					
DPW - Highway	Street sweeper		225,000				
	Front End Loader Replacement	Budget/Free Cash	150,000				
	Back up Generator	Budget/Free Cash					
	Asphalt Roller	Budget/Free Cash	50,000				
	F250 Pick up with Plow, replacement for H-2	Budget/Free Cash					
	F250 Pick up with Plow, replacement for H-3	Budget/Free Cash					
	5 Ton Dump Truck W/sander & Plow, Replacement	Budget/Free Cash					
	5 Ton Dump Truck W/sander & Plow, Replacement for H38	Budget/Free Cash					
	Backhoe, replacement	Budget/Free Cash		150,000			
	5 Ton Dump Truck W/sander & Plow	Budget/Free Cash					
	F250 with Plow	Budget/Free Cash		70,000			
Police	Computer Server Replacement	Lease					
	Portable Radios and Communications	Art. 28, STM 2010					
	Portable Radios and Communications	Budget			225,000		
	Police Radio System-Upgrade to Digital, Replace Repeaters and Recievers/Stratetic Public Safety Technology Plan	Budget/Warrant Article		235,000.00		450,000.00	
	Replace K-9 Vehicle	Budget					
	A/C System Repairs and duct maintenance	Budget					
	Replace Department Motorcycles	Budget/Free Cash		40,000			
	Upgrade Camera System	Budget					
	Technology Upgrade with licenses, Door access and security system	Budget					
	Upgrade Mobile Computer System	911 Grant	10,000	10,000	10,000	10,000	10,000
	1st Floor Renovations Floor and Ceiling, etc	Budget					
	Lobby and Front Entrance Renovations	Budget	70,000				
	ExteriorDoors and Entrance Ways	Budget					
	Expand capacity to townwide fiber network	Budget			35,000		
	Replace Ambulance	Art. XX, Free Cash, FTM 2016					
	Ambulance Bay Lower Floor Clearance	Budget					
	Alexander Road Building Repairs	Budget	35000				
	Add fiber security connectionsVVP, Kolraush, Town Center , etc. - Expansion of Fiber Network	Budget	50,000	50,000			
	Upgrade Security camera in cell block	Budget					
	Replacement of Cell Door locks	Budget					
	Crosswalk Safety Systems	Budget		30,000			
	Acquire four Radar Sign Boards	Budget		30,000			
	Air Conditioning Ventilation Cleaning	Budget	25000				
	Communication Center/Combined Dispatch	Budget					
	Replacement of Department Firearms	Budget/Free Cash		55,000			
	Awning replacements			35,000			
	Physiometrics Life Pack and Lucas Device		42,000				
	UST Removal and Replace	Free Cash					

Capital Plan

Fire Department	One Ton 4WD Pick Up W/Plow Service 2	Budget					
	One Ton 4WD Pick Up W/Plow Service 1	Budget					
	Replace 1996 Crown Victoria	Budget					
	Replace 2011 Ford Taurus/w Explorer	Budget	45000				
	Replace 2009 Ford Taurus w/ Explorer	Budget					
	Replace 2002 Ford Explorer	Budget					
Technology	Desk Top Computer upgrade	Budget					
	Upgrade Phone System and Network Infrastructure	Budget					
	E-Mail Server Upgrades	Budget					
	Printer and other non computer upgrades	Budget					
Recreation	Micozzi Beach Paddle Boats	Budget					
	Vining School	Budget	150,000				
	Manning Park Splash Pad Upgrades	Budget	20,000				
	New Signage for Rec Facilities	Budget					
	Fence Repairs	Budget					
	Disc Golf Course	CPA Funds					
	ADA Compliance Updates	Budget					
	Security	Budget	15,000				
	15 Passenger ADA Compliant Bus	Budget	60,000				
	Paving Parking Lots	Budget		50,000			
	Nutting Lake Assessment	Budget					
Town Hall	Point Exterier (four Phases)/Windows	Free Cash					
	Town Hall Renovations	Budget					
	Town Hall Site Work	Budget	200,000				
	Voting Machines	Budget			100,000		
	Copier Replacement Townhall Wide	Reserves					
Building Department	Hand held inspection inspection computers,	Budget					
	Computer and screen for customer service counter	Budget					
Council on Aging	Replace Carpeting 1st and 2nd Floors	Budget					
	Workspace redesign to increase privacy for case management				40,000		
	Building Alarm and Cameras			15,000			
	Replacement of First Floor Windows - West Side of Building and NE Corner.	Budget	65,000				
Library	Computer Replacement (10)	Budget					
	bn	Budget					
	HVAC Upgrade	Budget		65,000			
	Grinder Pump	Budget	7,500				
	Parking Lot Lights	Budget			20,000		
	Concord Road, Main Entrance and Staff Stairway and Lighting						
	Boiler Repair						
	Elevator						
	Elevator technology upgrade	Budget		4,000			
Inspectional Services	Vehicle for inspectors						
Projected Total Town Expense			**2,297,500**	**1,857,000**	**1,140,000**	**1,170,000**	**######**
Funded through FY2019 Budget			**$500,000**	**$500,000**	**$500,000**	**$500,000**	**$500,000**
Funded through FY2018 Certified Free Cash Estimate			**$565,000**	**$769,000**	**$105,000**	**$0**	**$0**
	Projected Outstanding Requests		**1,232,500**	**588,000**	**535,000**	**670,000**	**70,000**

Table 4-18: Summary of Final Recommended Plan

Recommendation	Priority	Estimated Project Cost ($2009)	Description
Sewer Modeling	1	$200,000	Purchase and populate dynamic sewer modeling software
Pump Station Improvement Program	1	$12,068,800	Upgrade, bypass, and/or replace existing pump stations
Infiltration/Inflow	1	$300,000(1) $100,000/year(2)	Conduct I/I Analysis and Continue I/I Evaluation and Rehabilitation Program
Upgrade Letchworth Avenue WWTF	1	$24,630,000	Plant improvements to address existing and future flows and loads, and upgrade facilities
Shawsheen River Interceptor Sewer Monitoring	1	$0	Monitor sewer sections for debris buildup and clean as required
Septage Management Plan	1	$0(3)	Establish for areas where on-site systems to remain and for Needs Areas until sewer becomes available
Replace Richardson Street PS Upstream Sewer	2	$2,250,000	Replace existing sewer in easement upstream of Richardson St. PS
Downstream System Improvements	3	$14,947,200	Improvements needed for connecting Needs Areas to existing system
Concord River Interceptor Sewer Improvements	3	$6,600,000	Improvements to the Concord River Interceptor for future conditions
Sewer System Expansion	4	$192,600,000	Expansion of sewer system to Needs Areas

(1) I/I Analysis
(2) I/I Evaluation and Rehabilitation Program
(3) To be funded by homeowners and with loans from the DEP Community Septic Betterment Loan Program

Finally, Priority 4 is sewer system expansion to serve the Needs Areas. Sewer system modeling and improvements to existing systems need to be completed prior to extending sewers. If there is a desire to extend sewers to a Needs Area and no improvements to downstream systems are required based on the modeling, the extension could proceed as long as there is no impact on pumping stations, and the additional flow can be accepted at the WWTF.

Table 4-12 summarizes the Final Recommended Plan and includes the description of work planned, priority, proposed year for implementation and associated costs. The Final Recommended Plan for sewer system expansion is shown in Table 4-13. Needs Area 18 was completed in 2008 as Sewer Contract 34A. The expansion is scheduled to start in year 2 with Contract 34B and continue through the planning period as shown in Table 4-13 and Figure 4-1. This schedule coordinates with the 1999 Sewer Master Plan,

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availability of funding and attempts to not only coordinate sewer construction with other work on-going in Town, but efforts at minimizing construction related impacts to the Town.

Once the CWMP is completed and all appropriate regulatory, federal, state and local agencies have approved the final recommended plan, construction contracts can be finalized and the work started.

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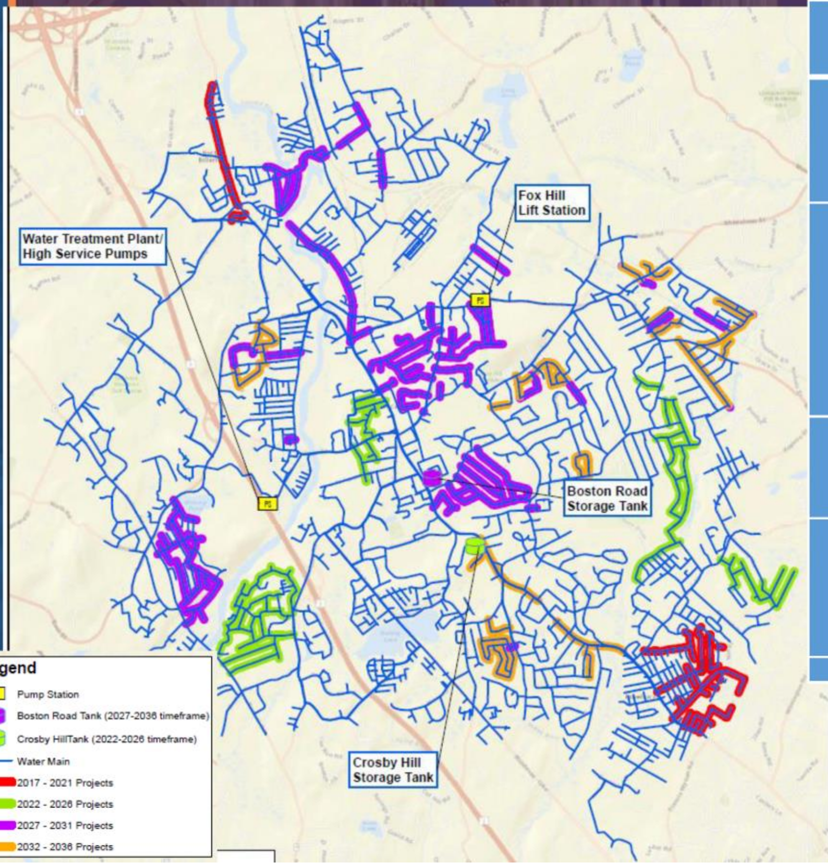
Table 4-19: Final Recommended Plan Implementation Cost

Item	Description	Year 1	2	3	4	5	6	7	8	9	10	13	16	Total
1	**Sewer Modeling**	$200,000												**$200,000**
2	**I/I Analysis**	$300,000												**$300,000**
3	**I/I Investigation & Rehab. Program**	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000	$300,000	$300,000	$500,000	**$2,000,000**
	Pump Station Improvement Program													
4	Phase 1	$5,514,100												**$5,514,100**
5	Phase 2			$3,999,000										**$3,999,000**
6	Phase 3					$1,243,900								**$1,243,900**
7	Phase 4										$1,311,800			**$1,311,800**
8	**Richardson St. Upstream Sewer**		$2,250,000											**$2,250,000**
9	**WWTF Improvements**		$7,510,000	$7,015,000		$3,752,000		$4,995,000		$1,358,000				**$24,630,000**
10	**Downstream Sewer Improvements**				$5,491,200						$9,456,000			**$14,947,200**
11	**Concord River Interceptor Improvements**				$975,000						$5,625,000			**$6,600,000**
	Subtotal	**$6,114,100**	**$9,860,000**	**$11,114,000**	**$6,566,200**	**$5,095,900**	**$100,000**	**$5,095,000**	**$100,000**	**$1,458,000**	**$16,692,800**	**$300,000**	**$500,000**	**$62,996,000**
12	**Sewer System Expansion**			$9,000,000	$8,900,000	$8,900,000	$10,150,000	$10,150,000	$8,150,000	$8,150,000	$35,400,000	$54,600,000	$39,200,000	**$192,600,000**
	Total	**$6,114,100**	**$9,860,000**	**$20,114,000**	**$15,466,200**	**$13,995,900**	**$10,250,000**	**$15,245,000**	**$8,250,000**	**$9,608,000**	**$52,092,800**	**$54,900,000**	**$39,700,000**	**$255,596,000**
	Cumulative Total	$6,114,100	$15,974,100	$36,088,100	$51,554,300	$65,550,200	$75,800,200	$91,045,200	$99,295,200	$108,903,200	$160,996,000	$215,896,000	$255,596,000	

(1) Program to be developed by I/I Analysis and supported with funds from the Town's developer I/I mitigation fund

Capital Plan

Water Distribution System Recommendations



Recommendations for Distribution System

Planning Period	Project Area	Project Size	Preliminary Cost Estimate
2017 – 2021	Pinehurst	22,000 L.F.	$7,076,025
	Boston Road/Lowell Border	4,500 L.F.	$1,597,500
	Treble Cove Transmission Line		$553,200
	Residential Meter Replacement	12,190 units	$4,500,000
	Subtotal	*26,500 L.F.*	*$13,726,725*
2022 – 2026	Crosby Hill Tank 2MG		$2,317,500
	South Billerica	24,200 L.F.	$8,349,000
	Billerica High School	5,300 L.F.	$1,828,500
	Concorde River Crossing/River St.	400 L.F.	$189,000
	Buckingham/Castlewood Drive	17,300 L.F.	$6,347,600
	Connolly Road	7,300 L.F.	$2,518,500
	Rio Vista	16,800 L.F.	$5,796,000
	Subtotal	*70,900 L.F.*	*$27,346,100*
2027 - 2031	Marshall Middle School	21,800 L.F.	$7,521,000
	Billerica Town Center	16,800 L.F.	$5,934,600
	Cast Iron Water Main Locations	22,200 L.F.	$7,659,000
	Subtotal	*60,800 L.F.*	*$21,114,600*
2032 – 2036	Boston Road Tank 6.5 MG		$5,230,500
	Asbestos Cement Water Main	52,000 L.F.	$17,940,000
	Boston Road	8,200 L.F.	$3,382,500
	Shawsheen River Crossing	5,100 L.F.	$2,216,250
	Subtotal	*65,300 L.F.*	*$28,769,250*
	Total	**223,900 L.F.**	**$90,956,675**

0.8% of system replaced/yr average
(>100 year service life)

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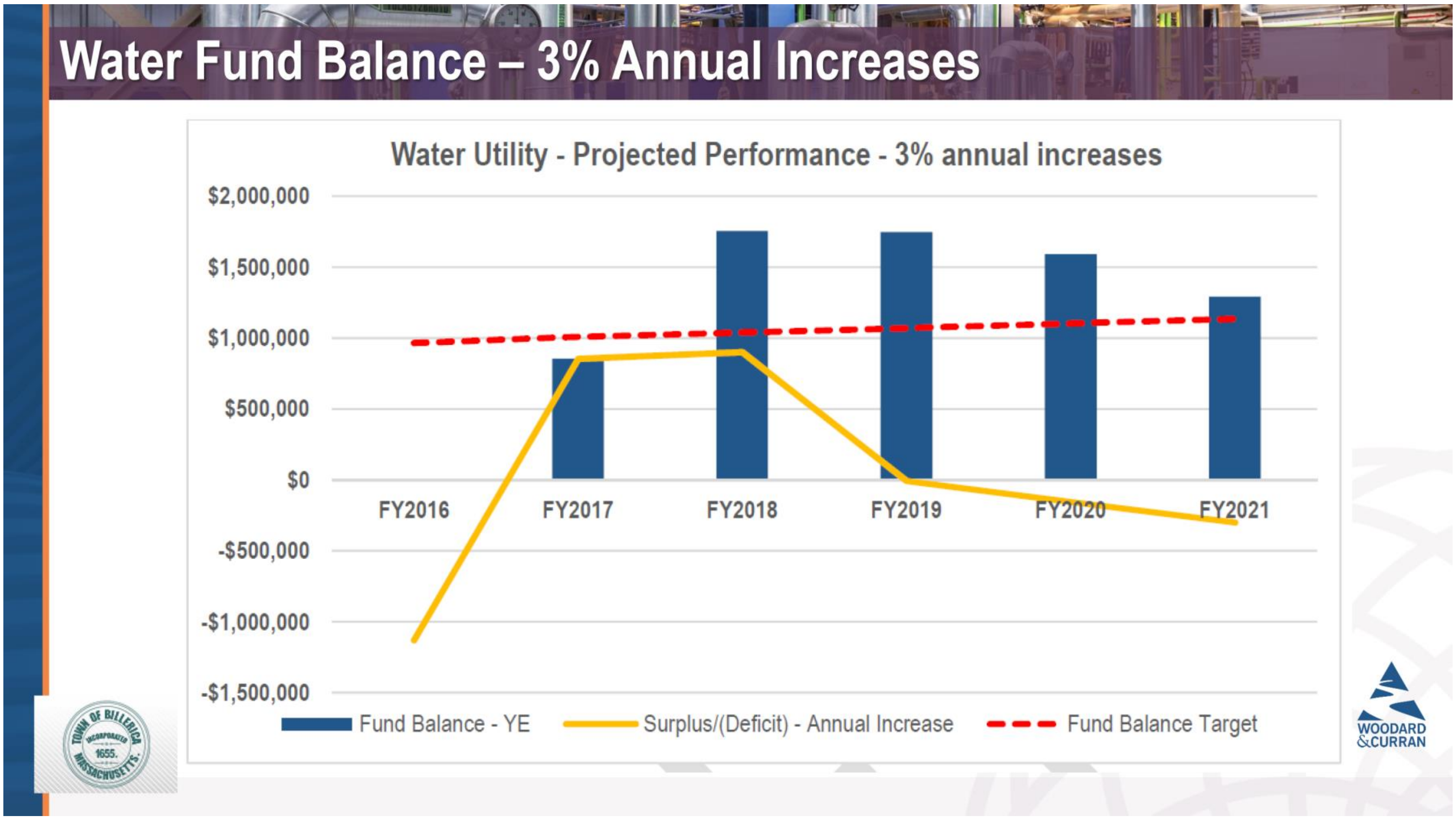
Capital Plan

20-Year Capital Improvement Plan – Summary

Project	Preliminary Cost Estimate Years 2017-2021	Years 2022-2026	Years 2027-2031	Years 2032-2036	Subtotal
Raw Water PS Elec Building HVAC Eval	$5,000				$5,000
Raw Water Transmission Main Assessment	$75,000				$75,000
Raw Water Pump Replacement	$250,000				$250,000
Raw Water Supply Redundancy		$5,448,000			$5,448,000
WTP Process Optimization	$100,000				$100,000
Chemical Storage Tanks	$272,000				$272,000
Filtered Water Chemical Injection	$480,000				$480,000
Ozone System Relocation and Replacement	$8,353,000				$8,353,000
Equipment Replacement		$5,167,500	$5,167,500	$837,000	$11,172,000
Finished Water Pump VFD Replacement	$405,000				$405,000
Power Quality Study	$13,000				$13,000
Active Harmonic Replacement System	$120,000				$120,000
NETA Equipment Testing	$110,500				$110,500
Lighting Upgrades	$247,500				$247,500
Electrical Safety Program	$97,500				$97,500
PLC Hardware Upgrade		$150,000			$150,000
SCADA Server/Thin Client Architecture		$275,000			$275,000
HMI Software Upgrade	$125,000				$125,000
Automated Reporting Software Upgrade	$80,000				$80,000
SCADA Disaster Recovery Process & Training	$115,000				$115,000
Structural Recommendations	$991,000				$991,000
Internal structural inspection of concrete tanks	$25,000				$25,000
HVAC Air Balance Study	$4,800				$4,800
HVAC Improvements to perimeter offices	$120,000				$120,000
HVAC Humidity Control	$100,000				$100,000
HVAC VAV System	$100,000				$100,000
WTP SUBTOTAL	**$12,189,300**	**$11,040,500**	**$5,167,500**	**$837,000**	**$29,234,300**
Residential Meter Replacement	$4,500,000				$4,500,000
Crosby Hill Tank Replacement		$2,317,500			$2,317,500
Boston Road Tank Replacement				$5,230,500	$5,230,500
Pipe Replacement	$9,226,725	$25,028,600	$21,114,600	$23,538,750	$78,908,675
Total	**$25,916,025**	**$38,386,600**	**$26,282,100**	**$29,606,250**	**$120,190,975**

Capital Plan



Town of Billerica, DPW Engineering Division
Roadway Management Program
Capital Plan

FUNDING	PROJECT	ROAD	FROM	TO	Total Cost
2018					
	DESIGN PROJECTS				
Chapter 90 & Local Funds	BOSTON RD NORTH RECONSTRUCTION PRELIMINARY DESIGN	BOSTON RD	RIVER ST	FLOYD ST	$356,000.00
Local Funds	LEXINGTON RD/GLAD VALLEY INTERSECTION IMPROVEMENTS	LEXINGTON RD-01	GLAD VALLEY DR	BOSTON RD	$200,000.00
Local Funds	WHIPPLE ROAD/ANDOVER ROAD INTERSECTION DESIGN	ANDOVER ROAD	AT WHIPPLE ROAD		$60,000.00
Chapter 90	ROADWAY MANAGEMENT - EASEMENTS	COOK ST	AT PINES RD		$1,000.00
		BALDWIN RD	KIMBROUGH RD	MARGARET LN	$5,000.00
Local Funds	SEWER CONTRACT 36 (NEEDS AREA 3) DESIGN	NEEDS AREA 3			$1,307,500.00
	FROST STREET DRAINAGE DESIGN CONTRACT 2	FROST ST	TOWER FARM RD	PRATT ST	$25,000.00
Local Funds	YANKEE DOODLE BIKE PATH 25%/75% DESIGN	TOWN WIDE			$449,500.00
Eng. Operational Budget	STORMWATER MANAGEMENT YR 1 /2	TOWN WIDE			$163,000.00
MassDOT	COMPLETE STREETS PRIORITIZATION PLAN DEVELOPMENT	TOWN WIDE			$35,900.00
Inflow / Infiltration Acct	INFLOW/INFILTRATION REHABILITATION CONTRACT 2	TOWN WIDE			$75,000.00
Sewer	SEWER CONTRACT 37/38 (NEEDS AREA 4 & 6) DESIGN	NEEDS AREA 4 & 6			$2,100,000.00

Town of Billerica, DPW Engineering Division
Roadway Management Program
Capital Plan

FUNDING	PROJECT	ROAD	FROM	TO	Total Cost	
		CONSTRUCTION PROJECTS				
Local Funds	BOSTON RD SOUTH TRANSFER OF OH TO UG AND POLE REMOVALS	BOSTON RD	CUMMINGS ST	TOWER FARM RD	$250,000.00	
					Subtotal:	$250,000.00
Chapter 90	ROADWAY MANAGEMENT	BALDWIN RD-06	KIMBROUGH RD	WESTMINSTER RD	$51,911.00	
		BALDWIN RD-07	WESTMINSTER RD	BISCAYNE DR	$151,084.00	
		BALDWIN RD-08	BISCAYNE DR	KENSINGTON DR	$84,494.00	
		BALDWIN RD-09	KENSINGTON DR	CASTLEWOOD DR	$26,761.00	
		BALDWIN RD-10	CASTLEWOOD DR	ROBIN HOOD LN	$36,809.00	
		BALDWIN RD-11	ROBIN HOOD LN	LITTLE JOHN DR	$54,452.00	
		BALDWIN RD-12	LITTLE JOHN DR	MARGARET LN	$26,187.00	
		BRIDGE ST	TREBLE COVE RD	BOSTON RD		
		COOK ST	AT PINES RD		$4,000.00	
		PURCELL DR-01	TUFTS LN	CUL DE SAC	$103,730.00	
		PURCELL DR-02	PURCELL DR	CUL DE SAC	$26,088.00	
		PURCELL DR-03	PURCELL DR	CUL DE SAC	$53,082.00	
		TUFTS LN-01	BOSTON RD	PURCELL DR	$80,739.00	
		TUFTS LN-02	PURCELL DR	DEAD END	$12,625.00	
					Subtotal:	$711,962.00
School	ROADWAY MANAGEMENT	LOCKE SCHOOL PAVING			$25,000.00	
					Subtotal:	$25,000.00
Chapter 90	TOWN-WIDE CRACK SEALING	TOWN WIDE			$50,000.00	
Chapter 90	TOWN-WIDE PATCHING	TOWN WIDE			$50,000.00	
Sewer	SEWER CONTRACT 36 (NEEDS AREA 3) CONSTRUCTION YR 1	NEEDS AREA 3			$14,000,000.00	
I/I	INFLOW/INFILTRATION REHABILITATION CONTRACT 2 CONSTRUCTION	TOWN WIDE			$100,000.00	
Local Funds	FROST STREET DRAINAGE CONSTRUCTION	FROST ST	TOWER FARM RD	PRATT ST	$440,000.00	
	LOCKE SCHOOL FIELD IMPROVEMENTS	LOCKE SCHOOL			$325,000.00	

Town of Billerica, DPW Engineering Division
Roadway Management Program
Capital Plan

FUNDING	PROJECT	ROAD	FROM	TO	Total Cost	
Private	ALPINE ST SEWER (PART OF NEEDS AREA 13) CONSTRUCTION	ALPINE ST-01	BOSTON RD	TWIN PINES AVE	$925,000.00	
		ALPINE ST-02	TWINE PINES AVE	CHELMSFORD TL	$0.00	
		TWINS PINES AVE	ALPINE ST	CUL DE SAC	$0.00	
					Subtotal:	$925,000.00
Private	LOWELL STREET SIDEWALK CONSTRUCTION	LOWELL ST-01	OLD ELM ST	COLSON ST	$350,000.00	
		LOWELL ST-02	COLSON ST	HOLT ST	$0.00	
		LOWELL ST-03	HOLT ST	NUSSEY TER	$0.00	
		LOWELL ST-04	NUSSEY TER	FRANKLIN ST	$0.00	
		LOWELL ST-05	FRANKLIN ST	BOSTON RD	$0.00	
					Subtotal:	$350,000.00
State TIP	ALLEN ROAD RECONSTRUCTION YR 3	ALLEN RD	WEBB BROOK RD	BOSTON RD	$6,688,616.00	
		MARSHBROOK RD-02	ALLEN RD	DEVONSHIRE DR		
					Subtotal:	$6,688,616.00
State TIP	BOSTON RD IMPROVEMENTS AT ALLEN RD YR 1	BOSTON RD	TREMLETT RD	SHAWSHEEN RIVER	$2,600,000.00	
State TIP	MIDDLESEX TURNPIKE CONSTRUCTION YR 1	MIDDLESEX TPK	PEARL RD	TOWN LINE	$35,000,000.00	
					Total:	$66,293,478.00

2/14/2018 Page 3 of 8

Town of Billerica, DPW Engineering Division
Roadway Management Program
Capital Plan

FUNDING	PROJECT	ROAD	FROM	TO	Total Cost	
2019						
		DESIGN PROJECTS				
Chapter 90	BOSTON RD NORTH RECONSTRUCTION FINAL DESIGN	BOSTON RD	RIVER ST	FLOYD ST	$625,000.00	
Other	STORMWATER MANAGEMENT	TOWN WIDE			$125,000.00	
Sewer	SEWER CONTRACT 39/40 (NEEDS AREA 7 & 9) DESIGN	NEEDS AREA 7 & 9			$2,500,000.00	
Other	YANKEE DOODLE BIKE PATH EASEMENTS	TOWN WIDE			$250,000.00	
Other	YANKEE DOODLE BIKE PATH FINAL DESIGN	TOWN WIDE			$600,000.00	
I/I	INFLOW/INFILTRATION REHABILITATION CONTRACT 3	CLEANING & CCTV	CONCORD & SHAWSHEEN INTERCEPTORS		$40,000.00	
		CONSTRUCTION PROJECTS				
Sewer	SEWER CONTRACT 36 (NEEDS AREA 3) CONSTRUCTION YR 2	NEEDS AREA 3			$14,000,000.00	
Sewer	SEWER CONTRACT 37/38 (NEEDS AREA 4 & 6) CONSTRUCTION YR 1	NEEDS AREA 4 & 6			$21,000,000.00	
Chapter 90	ROADWAY MANAGEMENT	TOWN WIDE			$1,000,000.00	
		BOSTON RD SIDEWALK	ALPINE ST	LOWELL ST	$30,000.00	
Chapter 90	TOWN-WIDE CRACK SEALING	TOWN WIDE			$50,000.00	
	WHIPPLE ROAD/ANDOVER ROAD INTERSECTION CONSTRUCTION	ANDOVER ROAD	AT WHIPPLE ROAD		$300,000.00	
	LEXINGTON RD/GLAD VALLEY INTERSECTION CONSTRUCTION	LEXINGTON RD-01	GLAD VALLEY DR	BOSTON RD	$1,000,000.00	
Board of Appeals					$150,000.00	
					Subtotal:	$1,150,000.00

2/14/2018 Page 4 of 8

Town of Billerica, DPW Engineering Division
Roadway Management Program
Capital Plan

FUNDING	PROJECT	ROAD	FROM	TO	Total Cost	
I/I	INFLOW/INFILTRATION REHABILITATION CONTRACT 3	CLEANING & CCTV	CONCORD & SHAWSHEEN INTERCEPTORS		$250,000.00	
Private	RANGEWAY RD PAVING - HAWTHORNE	RANGEWAY RD	NASHUA RD	STERLING RD	$250,000.00	
State TIP	BOSTON RD IMPROVEMENTS AT ALLEN RD YR 2	BOSTON RD	TREMLETT RD	SHAWSHEEN RIVER	$2,600,000.00	
State TIP	MIDDLESEX TURNPIKE CONSTRUCTION YR 2	MIDDLESEX TPK	PEARL RD	TOWN LINE	$35,000,000.00	
	SIDEWALK EXTENSION AT REPUBLIC ROAD CONSTRUCTION	TREBLE COVE RD-13	WTP DRIVEWAY	REPUBLIC RD	$149,013.00	
	EXPANSION OF FOX HILL CEMETERY CONSTRUCTION	FOX HILL CEMETERY			$2,100,000.00	
	CALL ST PAVING & SIDEWALK	CALL ST-01	POLLARD ST	MYRTLE ST	$79,928.00	
		CALL ST-02	MYRTLE ST	SCHOOL DRWAY	$198,873.00	
		CALL ST-03	SCHOOL DRWAY	ROGERS ST	$66,582.00	
	ROGERS ST PAVING & SIDEWALK	PLACEHOLDER				
	POLLARD ST PAVING & SIDEWALK	PLACEHOLDER				
					Subtotal:	$345,383.00
					Total:	$82,364,396.00

2/14/2018 Page 5 of 8

Town of Billerica, DPW Engineering Division
Roadway Management Program
Capital Plan

FUNDING	PROJECT	ROAD	FROM	TO	Total Cost	
2020						
		DESIGN PROJECTS				
Other	STORMWATER MANAGEMENT	TOWN WIDE			$60,000.00	
		CONSTRUCTION PROJECTS				
Chapter 90	ROADWAY MANAGEMENT	TOWN WIDE			$1,000,000.00	
Other	ROADWAY MANAGEMENT	MIDDLESEX TPK-01	CONCORD RD	STEARNS LN	$237,475.00	
		MIDDLESEX TPK-02	STEARNS LN	FRENCH ST	$192,019.00	
		MIDDLESEX TPK-03	FRENCH ST	HATTIE LN	$155,493.00	
		MIDDLESEX TPK-04	HATTIE LN	DOLAN RD	$106,527.00	
		MIDDLESEX TPK-05	DOLAN RD	FRANCIS RD	$63,494.00	
		MIDDLESEX TPK-06	FRANCIS RD	CANTERBURY ST	$55,364.00	
		MIDDLESEX TPK-07	CANTERBURY ST	FRIENDSHIP ST	$68,195.00	
		MIDDLESEX TPK-08	FRIENDSHIP ST	STEWART ST	$84,855.00	
		MIDDLESEX TPK-09	STEWART ST	PERREAULT AVE	$57,912.00	
		MIDDLESEX TPK-10	PERREAULT AVE	LAKE ST	$106,724.00	
		MIDDLESEX TPK-11	LAKE ST	MARSHALL ST	$382,556.00	
		MIDDLESEX TPK-12	MARSHALL ST	HOWARD AVE	$114,176.00	
		MIDDLESEX TPK-13	HOWARD AVE	PEARL RD	$104,619.00	
					Subtotal:	$1,729,409.00
Chapter 90	TOWN-WIDE CRACK SEALING	TOWN WIDE			$50,000.00	
	HOC SEWER PLANT DEMOLITION	OLD HOC SEWER PLANT			$150,000.00	
Sewer	SEWER CONTRACT 37/38 (NEEDS AREA 4 & 6) CONSTRUCTION YR 2	NEEDS AREA 4 & 6			$21,000,000.00	
State TIP	MIDDLESEX TURNPIKE CONSTRUCTION YR 3	MIDDLESEX TPK	PEARL RD	TOWN LINE	$35,000,000.00	
State TIP	BOSTON RD IMPROVEMENTS AT ALLEN RD YR 3	BOSTON RD	TREMLETT RD	SHAWSHEEN RIVER	$2,600,000.00	

Capital Plan

Town of Billerica, DPW Engineering Division
Roadway Management Program
Capital Plan

FUNDING	PROJECT	ROAD	FROM	TO	Total Cost	
State TIP	BOSTON RD NORTH CONSTRUCTION	BOSTON RD	RIVER ST	FLOYD ST	$6,000,000.00	
					Total:	$67,589,409.00
2021						
		DESIGN PROJECTS				
Other	STORMWATER MANAGEMENT	TOWN WIDE			$60,000.00	
		CONSTRUCTION PROJECTS				
Chapter 90	ROADWAY MANAGEMENT	TOWN WIDE			$1,000,000.00	
		ALLEN RD-10	SHANE LN	BALDWIN RD	$110,616.00	
		ALLEN RD-11	BALDWIN RD	WHITTIER RD	$56,364.00	
		ALLEN RD-12	WHITTIER RD	HANDEL RD	$27,071.00	
		ALLEN RD-13	HANDEL RD	DUBY DR	$31,509.00	
Chapter 90	TOWN-WIDE CRACK SEALING	TOWN WIDE			$50,000.00	
State TIP	MIDDLESEX TURNPIKE CONSTRUCTION YR 4	MIDDLESEX TPK	PEARL RD	TOWN LINE	$35,000,000.00	
	MANNING RD SIDEWALK EXT/PAVING	MANNING RD	MIDDLESEX TPK	LEXINGTON RD	$150,000.00	
State TIP	YANKEE DOODLE BIKE PATH CONSTRUCTION	TOWN WIDE			$6,210,000.00	
					Total:	$42,695,560.00

Town of Billerica, DPW Engineering Division
Roadway Management Program
Capital Plan

FUNDING	PROJECT	ROAD	FROM	TO	Total Cost
2022					
		DESIGN PROJECTS			
Other	STORMWATER MANAGEMENT	TOWN WIDE			$60,000.00
		CONSTRUCTION PROJECTS			
Chapter 90	ROADWAY MANAGEMENT	TOWN WIDE			$1,000,000.00
Chapter 90	TOWN-WIDE CRACK SEALING	TOWN WIDE			$50,000.00
State TIP	MIDDLESEX TURNPIKE CONSTRUCTION YR 5	MIDDLESEX TPK	PEARL RD	TOWN LINE	$35,000,000.00
				Total:	$36,110,000.00

2/14/2018 Page 8 of 8

Billerica Public School District
Billerica, Massachusetts

Capital Improvement Cost Estimate Summary
All Schools
15 August 2012

Rank: 1=Immediate Concern 2=Requires Attention in Short Term 3=Will require ongoing maintenance but can wait

Evaluation Criteria	Memorial HS	Hallenborg Ice Rink	Marshall MS	Locke MS	Ditson ES	Dutile ES	Hajjar ES	Kennedy ES	Vining ES	TOTAL	RANK	YEAR TO BE COMPLETED
1. Health, Safety & Welfare	$50,902,028	$480,069	$6,675,839	$3,640,754	$94,070	$555,345	$3,035,437	$2,239,720	$1,534,628	**$69,157,890**	x	xxxx
2. Code Compliance (not indicated previously)	$14,760	$18,450	$103,800	$48,092	$0	$340,532	$96,420	$29,520	$29,520	**$681,094**	x	xxxx
3. Functional Use of Building (address space use issues- educational impact)	$12,068,858	$2,462,718	$955,544	$2,109,278	$474,981	$2,485,845 *	$2,714,009	$2,384,250 *	$5,481,852 *	**$31,137,335**	x	xxxx
4. Handicap Accessibility	$7,038,635	$768,053	$3,487,580	$2,781,610	$22,459	$1,407,420	$1,152,035	$613,518	$571,987	**$17,843,297**	x	xxxx
5. Maintenance- Extending the Life of the Building	$10,242,694	$1,076,685	$12,392,704	$10,737,492	$916,956	$5,021,100	$3,754,816	$5,336,012	$3,322,047	**$52,800,506**	x	xxxx
6. Energy Efficiency- Energy and Water Saving	$22,906,157	$1,018,358	$3,290,355	$1,226,925	$196,247	$1,810,611	$4,198,243	$2,754,210	$1,357,201	**$38,758,307**	x	xxxx
7. Hazardous Materials	$2,100,000	$130,000	$2,100,000	$1,100,000	$0	$750,000	$925,000	$995,000	$835,000	**$8,935,000**	x	xxxx
TOTAL	$105,273,132	$5,954,333	$29,005,822	$21,644,151	$1,704,713	$12,370,853	$15,875,960	$14,352,230	$13,132,235	**$219,313,429**		
RANK	x	x	x	x	x	x	x	x	x			
YEAR TO BE COMPLETED	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx			

Overview Commentary:

Note:

1. The numbers noted are based on a number of assumptions, particularly Hazardous Materials abatement. When a renovation project with a specific scope of work is planned, testing of those materials planned to be touched should be conducted, and a more detailed estimate should be performed prior to targeting a budget for that project.

2. Estimates shown above are intended to be "Project Costs", and include GC OH & P, Soft Costs and Contingencies

3. * indicates the cost of replacing existing modulars is included

DORE AND WHITTIER ARCHITECTS, INC.

PRELIMINARY Estimated Project Costs Summary 10/12/2012

Comprehensive Facilities Assessment & Master Plan Study

Billerica, Massachusetts

The following is a summary of Estimated Project Costs developed for the Billerica Public Schools Comprehensive Facilities Assessment & Master Plan Study. The options developed are conceptual in nature and therefore the estimated project costs are intended to provide a preliminary order of magnitude view at the potential project costs. Project costs consist of estimated site and building construction costs, design and construction contingencies, phasing, soft costs to cover the values of the design team, owner's project manager, investigative services, etc and fixtures, furniture and technology costs. The project costs presented are in current 2012 dollars and may need to be adjusted for inflation depending on future construction timeframes.

Options:	Grades	Scope	Pop.	Estimated Costs	Comments
Option 1: Repair					
Billerica High School	9 thru 12	CIP Only	1400	**$ 105,273,000**	includes PK
Locke Middle School	6 thru 8	CIP Only	621	**$ 21,644,000**	
Marshall Middle School	6 thru 8	CIP Only	729	**$ 29,006,000**	
Ditson Elementary School	K thru 5	CIP Only	655	**$ 1,705,000**	
Dutile Elementary School	K thru 5	CIP Only	262	**$ 12,371,000**	
Hajjar Elementary School	K thru 5	CIP Only	479	**$ 15,876,000**	
Kennedy Elementary School	K thru 5	CIP Only	409	**$ 14,352,000**	
Parker Elementary School	K thru 5	No Work	500	**$ -**	
Vining Elementary School	K thru 5	CIP Only	195	**$ 13,132,000**	
			5250		
Hallenborg Hockey Rink				**$ 5,954,000**	

Option 2: Redistrict	Grades	Scope	Pop.	Estimated Costs	Comments
Billerica High School	9 thru 12	Renovations	1400	**$ 169,260,000**	includes PK
Locke Middle School	6 thru 8	CIP Only	594	**$ 21,644,000**	
Marshall Middle School	6 thru 8	CIP/Renov	756	**$ 30,369,000**	
Ditson Elementary School	K thru 5	CIP Only	612	**$ 1,705,000**	
Dutile Elementary School	K thru 5	Renovations	262	**$ 16,486,000**	
Hajjar Elementary School	K thru 5	Add/Renov	631	**$ 35,828,000**	
Kennedy Elementary School	K thru 5	Renovations	300	**$ 20,625,000**	
Parker Elementary School	K thru 5	No Work	500	**$ -**	
Vining Elementary School	K thru 5	Renovations	195	**$ 14,329,000**	
			5250		
Hallenborg Hockey Rink				**$ 5,954,000**	

Option 2A: Redistrict II	Grades	Scope	Pop.	Estimated Costs	Comments
Billerica High School	9 thru 12	New	1400	**$ 132,031,000**	includes PK
Locke Middle School	6 thru 8	Add/Renov	594	**$ 54,999,000**	
Marshall Middle School	6 thru 8	Add/Renov	756	**$ 62,228,000**	
Ditson Elementary School	K thru 5	CIP Only	612	**$ 1,705,000**	
Dutile Elementary School	K thru 5	Renovations	262	**$ 16,486,000**	
Hajjar Elementary School	K thru 5	Add/Renov	631	**$ 35,828,000**	
Kennedy Elementary School	K thru 5	Renovations	300	**$ 20,625,000**	
Parker Elementary School	K thru 5	No Work	500	**$ -**	
Vining Elementary School	K thru 5	Add/Renov	195	**$ 20,349,000**	
			5250		
Hallenborg Hockey Rink				**$ 5,954,000**	

Capital Plan

Option 3: Reduce						
Billerica High School	9 thru 12	Renovations	1400	$	**169,260,000**	includes PK
Locke Middle School	6 thru 8	CIP	594	$	**21,644,000**	
Marshall Middle School	6 thru 8	CIP/Renov	756	$	**30,369,000**	
Ditson Elementary School	K thru 5	CIP Only	612	$	**1,705,000**	
Dutile Elementary School	K thru 5	Renovations	262	$	**16,486,000**	
Hajjar Elementary School	K thru 5	Add/Renov	631	$	**35,828,000**	
Kennedy Elementary School	K thru 5	Add/Renov	495	$	**38,362,000**	
Parker Elementary School	K thru 5	No Work	500	$	-	
Vining Elementary School	K thru 5	Closed	0	$	-	
			5250			
Hallenborg Hockey Rink				$	**5,954,000**	
Option 4: Reconfigure						
Billerica High School	8-9/10-12	Add/Renov	1850	$	**178,087,000**	includes PK
Locke Middle School	5 thru 7	CIP	579	$	**21,644,000**	
Marshall Middle School	5 thru 7	CIP/Renov	737	$	**30,369,000**	
Ditson Elementary School	K thru 4	CIP	590	$	**1,705,000**	
Dutile Elementary School	K thru 4	Renovations	262	$	**16,486,000**	
Hajjar Elementary School	K thru 4	Renovations	433	$	**26,257,000**	
Kennedy Elementary School	K thru 4	Add/Renov	300	$	**20,625,000**	
Parker Elementary School	K thru 4	No Work	500	$	-	
Vining Elementary School	K thru 4	Closed	0	$	-	
			5251			
Hallenborg Hockey Rink				$	**5,954,000**	
Option 5: Relocate (New HS built on Locke MS site)						
Billerica High School	8-9/10-12	New	1850	$	**161,347,000**	**Locke MS site**
Locke Middle School	5 thru 7	Add/Renov	594	$	**79,634,000**	**Renov exist HS**
Marshall Middle School	5 thru 7	CIP/Renov	722	$	**30,369,000**	
Ditson Elementary School	K thru 4	CIP	590	$	**1,705,000**	
Dutile Elementary School	K thru 4	Renovations	262	$	**16,486,000**	
Hajjar Elementary School	K thru 4	Renovations	433	$	**26,257,000**	
Kennedy Elementary School	K thru 4	Renovations	300	$	**20,625,000**	
Parker Elementary School	K thru 4	No Work	500	$	-	
Vining Elementary School	K thru 4	Closed	0	$	-	
			5251			
Hallenborg Hockey Rink				$	**5,954,000**	

Option 3: Reduce						
Billerica High School	9 thru 12	New	1400	$	**132,031,000**	includes PK
Locke Middle School	6 thru 8	CIP	594	$	**21,644,000**	
Marshall Middle School	6 thru 8	CIP/Renov	756	$	**30,369,000**	
Ditson Elementary School	K thru 5	CIP Only	612	$	**1,705,000**	
Dutile Elementary School	K thru 5	Renovations	262	$	**16,486,000**	
Hajjar Elementary School	K thru 5	Add/Renov	631	$	**35,828,000**	
Kennedy Elementary School	K thru 5	Add/Renov	495	$	**38,362,000**	
Parker Elementary School	K thru 5	No Work	500	$	-	
Vining Elementary School	K thru 5	Closed	0	$	-	
			5250			
Hallenborg Hockey Rink				$	**5,954,000**	
Option 4: Reconfigure						
Billerica High School	8-9/10-12	New	1850	$	**160,740,000**	includes PK
Locke Middle School	5 thru 7	CIP	579	$	**21,644,000**	
Marshall Middle School	5 thru 7	CIP/Renov	737	$	**30,369,000**	
Ditson Elementary School	K thru 4	CIP	590	$	**1,705,000**	
Dutile Elementary School	K thru 4	Renovations	262	$	**16,486,000**	
Hajjar Elementary School	K thru 4	Renovations	433	$	**26,257,000**	
Kennedy Elementary School	K thru 4	Add/Renov	300	$	**20,625,000**	
Parker Elementary School	K thru 4	No Work	500	$	-	
Vining Elementary School	K thru 4	Closed	0	$	-	
			5251			
Hallenborg Hockey Rink				$	**5,954,000**	
Option 5: Relocate (New HS built on Locke MS site)						
Billerica High School	8-9/10-12	New	1850	$	**161,347,000**	**Locke MS site**
Locke Middle School	5 thru 7	New	594	$	**48,187,000**	**New at Vining**
Marshall Middle School	5 thru 7	CIP/Renov	722	$	**30,369,000**	
Ditson Elementary School	K thru 4	CIP	590	$	**1,705,000**	
Dutile Elementary School	K thru 4	Renovations	262	$	**16,486,000**	
Hajjar Elementary School	K thru 4	Renovations	433	$	**26,257,000**	
Kennedy Elementary School	K thru 4	Renovations	300	$	**20,625,000**	
Parker Elementary School	K thru 4	No Work	500	$	-	
Vining Elementary School	K thru 4	Closed	0	$	-	
			5251			
Hallenborg Hockey Rink				$	**5,954,000**	