

TOWN OF BILLERICA



ANNUAL SPRING TOWN MEETING

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

At

**1st Session Billerica Memorial High School
Following Session Billerica Town Hall
Auditorium**

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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 Warrant Article Recommendations

FINANCE COMMITTEE
WARRANT ARTICLE RECOMMENDATIONS

OCTOBER 2019

Article 1: The Finance Committee has determined that this article has little to no positive or negative financial impact to the Town and recommends unanimously.

Article 2: The Finance Committee has determined that this article has little to no positive or negative financial impact to the Town and recommends unanimously.

Article 3: A majority of the Finance Committee has determined that this article is consistent with articles proposed in the past. The appropriation of \$132, 694 for the line items listed will be used to fund shortfalls in those line items and a transfer of \$267,762 to Debt Stabilization in keeping with the Towns Policy to fund the Debt Stabilization Fund by using General Fund appropriations as well as Free Cash when possible. The Finance Committee recommends this article by a vote of 8-3.

Article 4: The Finance Committee has determined this article to consistent with the Towns long standing policy to transfer funds from Debt Stabilization to Debt Service. The transfer of \$950,000 represents the continuation of the commitment made to residents to use the Debt Stabilization Fund to keep the annual budgeted debt payment at \$9 million dollars annually and recommends unanimously.

Article 5: Recommendation Reserved

Article 6: Withdrawn

Article 7: Withdrawn

Article 8: Withdrawn

Article 9: Withdrawn

Article 10: Withdrawn

Article 11: Withdrawn

Article 12: Withdrawn

Article 13: Withdrawn

Article 14: A majority of the Finance Committee has determined that the Collective Bargaining Agreement between the School Committee and the AFSTME Council 93

Local 2747 To be consistent with past agreements of this type and recommend the article by a vote of 8-3.

Article 15: A majority of the Finance Committee has determined that the Collective Bargaining Agreement between the School Committee and the AFSTME Council 93 Local 2747 Clerical Employees Custodial Employees to be consistent with past agreements of this type and recommend the article by a vote of 8-3.

Article 16: The Finance Committee has determined that the funding requested in this article is a necessary first step in enhancing the Roadway Management Plan so as to improve a rapidly deteriorating Nashua Road. The Committee expects to see such enhancements in future to address other roads in dire need of repair and recommends the article unanimously.

Article 17: The Finance Committee has determined that the \$220,055 requested in this article to continue the painting, lighting and flooring in the Town Hall to be continuation of needed upgrades within the building and recommend the article unanimously.

Article 18: A majority of the Finance Committee has determined that this article is consistent with past articles seeking to address Capital improvement projects within the Schools. The \$1,100,000 requested in the article for the listed items are a continuation of security, interior and exterior upgrades to the Schools under their Capital Improvement program and the Committee recommends the article by a vote of 10-1

Article 19: A majority of the Finance Committee has determined that this article is consistent with past articles seeking an appropriation from the Water Conservation Fund in order to fund the Water Conservation Rebate Program. The Committee supports the continuation of the program as an effective way of incentivizing water conservation and reducing the amount of water taken annually from the Concord River thereby reducing the risk that the Town will exceed the limits of its water permit. The Committee recommends the article 10-1.

Article 20: A majority of the Finance Committee has determined that this article is consistent with past articles seeking an appropriation from the Water Conservation Fund in order to continue the Hydrant and Valve Replacement Program. The funds appropriated will be used to purchase 50 hydrants and valves. The Committee recommends the article 10-1.

Article 21: A majority of the Finance Committee has determined that this article that seeks Water Conservation Funds in order to perform a Drinking Water Risk and Resiliency Assessment and an Emergency Response Plan in order to comply with the State mandate is necessary. While the Committee continues to oppose State mandates it none-the-less recommends this article by a vote of 8-3.

Article 22: The Finance Committee has determined that the action requested in the article to be in keeping with best financial practices and will have no positive or negative financial impact on the Town and recommends unanimously.

Article 23: A majority of the Finance Committee has determined that the use of Free Cash and Wastewater Retained Earnings in order to purchase the equipment listed in the article is in the best interest of the Town and is a proper use of those funds to continue to upgrade and modernize the Towns equipment stock. The Committee recommends this article by a vote of 8-3.

Article 24: A majority of the Finance Committee has determined the expansion of Fox Hill Cemetery to be in the best interest of the Town and recommends the article by a vote of 9-2.

Article 25: A majority of the Finance Committee has determined that the \$1 million requested in this article for the replacement of the Town Hall generator is in keeping with best practices and will allow the Town more flexibility to react to any emergency needs the Town may experience and recommends the article by a vote of 8-2.

Article 26: The Finance Committee has determined the borrowing of \$10 million for the engineering and construction of a new Pinehurst Fire Station to be in the best interest of the Town and recommends the article unanimously.

Article 27: Withdrawn

Article 28: Withdrawn

Article 29: The Finance Committee has determined that the rescinding of the listed warrant articles to be in keeping with best financial practices as the borrowing of the funds listed in the authorizations are no longer needed. The Finance Committee recommends unanimously.

Article 30: A majority of the Finance Committee has determined the use of \$1.3 million from Free Cash and \$500,000 from Wastewater Retained Earnings is consistent with the long standing policy to fund the Debt Stabilization Account in order to use that account to pay down all debt that exceeds the \$9 million annual Debt Service ceiling in the budget. The Finance Committee recommends the article by a vote of 8-3.

Article 31: Recommendation reserved

Article 32: Given the practice of recent years to apply Free Cash to the Debt Stabilization Account the Finance Committee voted not to recommend the article by a vote of 0-10

Article 33: Given the practice of recent years to apply Free Cash to the Debt Stabilization Account, a majority of the Finance Committee voted not to recommend the article by a vote of 3-7

Article 34: Given the fact that the Snow and Sand deficit is \$ 550,000 carrying this amount over to next year's recap sheet does not pose a significant financial risk to the funding of next year's budget and is counter to the Towns overall fiscal plan. The Finance Committee voted not to recommend the article by a vote of 3-7.

Article 35: The Finance Committee has determined that the request in this article to petition the Legislature to lift the conservation restriction on the parcel of land stated in order to build a new DPW facility is in the best interests of the Town and recommends the article unanimously.

Article 36: A majority of the Finance Committee has determined this article to be consistent with the promise made by the School Department to the people of the Town to turn over the Vining School to the Town once the new High School was open and recommends by a vote of 10-0-1.

Article 37:

Article 38. Withdrawn

Article 39: A majority of the Finance Committee has determined that the request to include the streets listed in this article to be accepted streets is consistent with recent actions taken by Town Meeting to address the inequity of unaccepted streets and supports the continuing efforts in this regard. Adding these streets to the list of accepted streets will increase the amount of Chapter 90 funding that the Town will receive to work on road repair. The Finance Committee recommends the article by a vote of 9-2.

Article 40: A majority of the Finance Committee has determined that this article to be consistent with best financial practices and recommends the article by a vote of 10-0-1

Article 41: It is the majority opinion of the Finance Committee that the adoption of the referenced Massachusetts General Law to be in the best financial interests of the Town and recommends by a vote of 10-1.

Article 42: The Finance Committee has determined that the adoption of the referenced Massachusetts General Law to be in the best financial interests of the Town as it addresses an existing inequity in the current law regarding tax exemptions for disabled veterans and recommends unanimously.

Article 43: A majority of the Finance Committee has determined that the forming of such a committee as requested in this article has no financial benefit to the Town and is

redundant to responsibilities of the Planning Board, the ZBA and the Administration as all the stated duties of the proposed committees falls under the jurisdiction of one or more of the above mentioned boards and Administration. The Finance Committee voted not to recommend the article by a vote of 5-6.

Article 44: A majority of the Finance Committee has determined that this article is contrary to best zoning practices and has no positive financial benefit to the Town and would unnecessarily cause the Town to have to endure the cost of remaking Zoning maps to comply with the article. The Committee voted 4-7 not to recommend this article.

Article 45: The Finance Committee has determined that the changes requested to the Zoning By-Laws as proposed are in the best financial interest of the Town as they will allow currently unaccepted roads to be upgraded and brought up to current standards without cost to the Town but instead through a betterment program. The Finance Committee recommends unanimously.

Article 46: Recommendation reserved.

Article 47: The Finance Committee has determined that this article bears no positive or negative financial impact to the Town and as a resolution carries no legal weight. The Finance Committee recommends by a vote of 7-2-2.

Article 48: A majority of the Finance Committee has determined that the request to amend the Zoning By-Laws contained in this article to be in the best interest of the town and recommends the article by a vote of 10-1

Article 49: Recommendation reserved

Article 50: Recommendation reserved

Part III
Annual Fall Town Meeting Warrant

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

1	To Appoint One Member to the Bowers Fund Committee			Board of Selectmen	Recommends
2	To Hear Reports of Town Departments, Committees & Officers			Town Manager; authorized by BOS	Recommends

Financial Articles

3	Fiscal Year 2020 Budget Amendment	\$400,456	Raise & Appropriate	Town Manager; authorized by BOS	Recommends
4	To Transfer and Appropriate a Sum of Money from the Town Debt Stabilization Fund to the General Fund Tax Exempt Debt Service Budget	\$950,000	Transfer & Appropriate	Town Manager; authorized by BOS	Recommends
5	To Fund Collective Bargaining Agreement for BMEA DPW Workers	\$115,000	Raise & Appropriate	Town Manager; authorized by BOS	Reserves Recommendation
6	To Fund Collective Bargaining Agreement for IAFF Firefighters	This Article has been Withdrawn			
7	To Fund Collective Bargaining Agreement for IAFF Civilian Fire Alarm Operators	This Article has been Withdrawn			
8	To Fund Collective Bargaining Agreement for NEPBA Police Civilian Dispatchers	This Article has been Withdrawn			
9	To Fund Collective Bargaining Agreement for NEPBA Police Officers – Group (A) Patrolmen	This Article has been Withdrawn			
10	To Fund Collective Bargaining Agreement for NEPBA Police Officers – Group (B) Superior Officers	This Article has been Withdrawn			
11	To Fund Collective Bargaining Agreement for IAEP Police EMT's and Paramedics	This Article has been Withdrawn			
12	To Fund Collective Bargaining Agreement for SEIU Local 888 Administrative Union	This Article has been Withdrawn			

13	To Fund Collective Bargaining Agreement for IUPE Clerical Unit	This Article has been Withdrawn			
Article Number	Purpose	Value	Funding Source	Submitted by:	Finance Committee Recommendation
14	To Fund Collective Bargaining Agreement for School Custodial	\$43,357	Transfer and Appropriate from Free Cash	School Committee	Recommends
15	To Fund Collective Bargaining Agreement for School Clerical	\$19,640	Transfer and Appropriate from Free Cash	School Committee	Recommends
16	To Fund Nashua Road Pavement Restoration	\$1,000,000	Raise & Appropriate	Town Manager; authorized by BOS	Recommends
17	To Fund Fiscal Year 2020 Town Capital Budget	\$238,000	Transfer and Appropriate from Free Cash	Town Manager; authorized by BOS	Recommends
18	To Fund Fiscal Year 2020 School Capital Budget	\$1,100,000	Transfer and Appropriate from Fee Cash	School Committee	Recommends
19	To Fund a Water Conservation Rebate Program	\$50,000	Transfer & Appropriate from Water Conservation Fund	Town Manager; authorized by BOS	Recommends
20	To Fund Hydrants and Valve Replacements	\$100,000	Transfer & Appropriate from Water Conservation Fund	Town Manager; authorized by BOS	Recommends
21	To Fund Drinking Water Risk and Resiliency Assessment	\$300,000	Transfer & Appropriate from Water Conservation Fund	Town Manager; authorized by BOS	Recommends
22	To Fund PEG Access Cable Television Services	\$90,374.72	Transfer & Appropriate from PEG Access Fund	Town Manager; authorized by BOS	Recommends
23	To Fund the Purchase of Equipment for the Department of Public Works	\$880,000	Transfer and Appropriate from Free Cash and Water Conservation Fund	Town Manager; authorized by BOS	Recommends
24	To Fund the Expansion of Fox Hill Cemetery	\$3,000,000	Transfer & Appropriate from Free Cash	Town Manager; authorized by BOS	Recommends
25	To Fund the Replacement of the Town Hall Generator and Related External Town Hall Improvements	\$1,000,000	Transfer and Appropriate from Free Cash	Town Manager; authorized by BOS	Recommends

26	To Borrow Funds for the Design and Construction of a New Fire Department Pinehurst Sub-Station Facility	\$10,000,000	Borrow	Town Manager; authorized by BOS	Recommends
Article Number	Purpose	Value	Funding Source	Submitted by:	Finance Committee Recommendation
27	To Fund Wastewater System Expansion, Area 4 (Contract 37)	This Article has been Withdrawn			
28	To Fund the Replacement of Water Mains	This Article has been Withdrawn			
29	Rescind Borrowing Authorizations			Town Manager; authorized by BOS	Recommends
30	To Vote a Sum of Money to the Debt Stabilization Fund	\$1,300,000 \$500,000	Transfer & Appropriate	Finance Committee	Recommends
31	To Vote from Free Cash a Sum of Money to the Stabilization Fund	\$6,000,000	Transfer & Appropriate	Finance Committee	Reserves Recommendation
32	To Vote from Free Cash a Sum of Money to the Land Bank Account	\$6,000,000	Transfer & Appropriate	Finance Committee	Does Not Recommend
33	To Vote from Free Cash a Sum of Money to be Applied or Expended for the Purpose of Reducing the Fiscal Year 2020 Tax Levy	\$6,000,000	Transfer & Appropriate	Finance Committee	Does Not Recommend
34	To Vote from Free Cash a Sum of Money to Fund the Snow and Sand Deficit	\$1,000,000	Transfer & Appropriate	Finance Committee	Does Not Recommend

To Petition General Court

35	To Authorize the Board of Selectmen to Petition the State Legislature to Lift a Restriction on a Parcel of Land for the Purpose of Town Use			Town Manager; authorized by BOS	Recommends
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Land Use

36	To Transfer the Care, Custody, Management and Control of the Vining School from the School Committee to the Board of Selectmen			Town Manager; authorized by BOS	Recommends
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37	To Limit the Number of Marijuana Establishments in the Town of Billerica			Town Manager; authorized by BOS	Does Not Recommend
Article Number	Purpose	Value	Funding Source	Submitted by:	Finance Committee Recommendation
38	To Authorize the Lease of the Howe School to BATV	This Article has been Withdrawn			
39	To Authorize the Board of Selectmen to Accept Roads as Public Ways			Town Manager; authorized by BOS	Recommends

Local Acceptance of State Statutes

40	To Create an Injury Leave Indemnity Fund			Town Manager; authorized by BOS	Recommends
41	To Accept M.G.L. Chapter 138, Section 33B Sales of Alcoholic Beverages by On-Premise Licenses on Sundays and Certain Legal Holidays; Sales between 10:00 AM and 12:00 Noon			Town Manager; authorized by BOS	Recommends
42	To Accept Provisions of M.G.L. Chapter 59, Section 5, Clauses 22G and 22H			Board of Assessors	Recommends

Articles Submitted by an Elected Official

43	To Form a Committee to Review the Billerica PUD Program			Selectman Michael Rosa	Does Not Recommend
44	To Amend the Billerica Zoning Map			Selectman Michael Rosa	Does Not Recommend

Petitioner Articles

45	Petitioner Article				Recommends
46	Petitioner Article				Recommends
47	Petitioner Article				Reserves Recommendation
48	Petitioner Article				Recommends

49	Petitioner Article				Does Not Recommend
50	Petitioner Article				Does Not Recommend

**WARRANT
OCTOBER 1, 2019
ANNUAL FALL 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 Billerica Memorial High School Auditorium located at 35 River Street, Billerica, MA on Tuesday, October 1, 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 APPOINT ONE MEMBER TO THE BOWERS FUND COMMITTEE

To see if the Town will vote to appoint one (1) member to the Bowers Fund Committee for a term of five (5) years; or act in relation thereto.

Submitted by the Board of Selectmen

Finance Committee recommends approval.

Article 1 Explanation: The Bowers Fund Committee was established in the late 1800's when the Bower sisters left their entire estate to the Town of Billerica, approximately \$11,000, with the express intent of assisting the poor of Billerica. The current expendable balance in the fund is \$6,371 and the principal balance is \$135,070. Town Meeting appoints members to the Bowers Fund Committee. Committee member Michael Rea's term is expiring and he is requesting that he be reappointed.

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: This article provides an opportunity to hear and act upon reports of Town Meeting Committees.

ARTICLE 3 - FISCAL YEAR 2020 BUDGET AMENDMENT

To see if the Town will vote to raise and appropriate the sum of \$400,456 to amend various budgets for Fiscal Year 2020 as listed below; or act in relation thereto.

FY2020 General Budget

Account #	Account Name	Amount
12530-5200	System Administration	\$ 40,000.00
61010-5110	Library Personnel	62,081.00
19230-5200	Valley Collaborative	20,000.00
71070-7130	General Fund Temp Interest	(21,125.00)
71070-7550	General Fund Town Interest	21,125.00
71570-7130	Exempt Debt - Temp Interest	201,125.00
71570-7571	Exempt Debt - Debt Interest	77,250.00
71070-7052	Transfer to Debt Stabilization	(267,762.00)
		<u>\$ 132,694.00</u>

FY2020 Water Enterprise Budget

Account #	Account Name	Amount
64070-7130	Water Enterprise - Temp Interest	\$ 64,519.00
64070-7550	Water Enterprise - Debt Interest	135,875.00
		<u>\$ 200,394.00</u>

FY2020 Wastewater Enterprise Budget

Account #	Account Name	Amount
67070-7130	Sewer Enterprise - Debt Interest	\$ (66,507.00)
67070-7550	Sewer Enterprise - Debt Interest	133,875.00
		<u>\$ 67,368.00</u>

Total Amendments to Budgets **\$ 400,456.00**

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

Finance Committee recommends approval.

Article 3 Explanation: System Administration is upgrading Town Hall from Microsoft Office to Office 365 which includes cloud capacity as well as some other ancillary system needs. There was an error in the original Library Budget calculation that resulted in a discrepancy between the budget detail and the summary detail for this department. Accordingly, an adjustment needs to be made to the personnel line. The debt schedules have been updated to reflect the most recent bond sale by the Town. The Town borrowed \$16 million at 2.03% and

reaffirmed a very strong AA+ bond rating from S&P. There were some bonds that were refinanced for a savings of \$440,000.

ARTICLE 4 - TO TRANSFER AND APPROPRIATE A SUM OF MONEY FROM THE TOWN DEBT STABILIZATION FUND TO THE GENERAL FUND TAX EXEMPT DEBT SERVICE BUDGET

To see if the Town will vote to transfer and appropriate the sum of \$950,000 from the Town Debt Stabilization Fund to fund the General Fund Tax Exempt Debt Service Budget; or act in relation thereto.

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

Finance Committee recommends approval.

Article 4 Explanation: The Town, through the Board of Selectmen, has established a Debt Stabilization Policy that maintains the same level of appropriation from the tax levy year to year - \$9.066 million. This is accomplished in the following ways:

- Transferring a minimum amount of free cash and or retained earnings annually in the amount of \$1.8 million to the Debt Stabilization Fund.
- To appropriate the difference of any year that is lower than \$9.066 million to Debt Stabilization.
- If the annual appropriation exceeds \$9.066 Million to transfer the amount that it exceeds the desired level of appropriation (\$9.066) from the Debt Stabilization Fund into the Debt Service Appropriation.
- *To ensure that the tax impact of the debt service on the new high school and the Parker Elementary does not exceed \$200 on the median Household.*

This article is intended to address an annual appropriation that exceeds \$9.066 Million. This article is a placeholder. The final amounts will be known when the debt issuance and schedules are finalized prior to the Final Warrant.

ARTICLE 5 - 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 5 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 6 – THIS ARTICLE HAS BEEN WITHDRAWN

ARTICLE 7 – THIS ARTICLE HAS BEEN WITHDRAWN

ARTICLE 8 – THIS ARTICLE HAS BEEN WITHDRAWN

ARTICLE 9 – THIS ARTICLE HAS BEEN WITHDRAWN

ARTICLE 10 – THIS ARTICLE HAS BEEN WITHDRAWN

ARTICLE 11 – THIS ARTICLE HAS BEEN WITHDRAWN

ARTICLE 12 – THIS ARTICLE HAS BEEN WITHDRAWN

ARTICLE 13 – THIS ARTICLE HAS BEEN WITHDRAWN

**ARTICLE 14 - TO FUND COLLECTIVE BARGAINING AGREEMENT -
SCHOOL CUSTODIAL**

To see if the Town will transfer and appropriate from free cash the sum of \$43,357 to fund the 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 recommends approval.

Article 14 Explanation: This article seeks to transfer from Free Cash the sum of \$43,357 to cover the first-year cost items associated with the school custodial contract. The contract term runs from July 1, 2018 through June 30, 2021, and Article 14 seeks to pay retroactive wages for Fiscal Year 2019. The contract includes a COLA of 2%/2.5%/2.5% over the three years, and includes new language about job posting and bidding and overtime call-out procedures.

**ARTICLE 15 - TO FUND COLLECTIVE BARGAINING AGREEMENT -
SCHOOL CLERICAL**

To see if the Town will transfer and appropriate from free cash the sum of \$19,640 to fund the 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, Clerical Employees; or act in relation thereto.

Submitted by the School Committee

Finance Committee recommends approval.

Article 15 Explanation: This article seeks to transfer from Free Cash the sum of \$19,640 to cover the first-year cost items associated with the school clerical contract. The contract term runs from July 1, 2018 through June 30, 2021, and Article 15 seeks to pay retroactive wages for Fiscal Year 2019. The contract includes a COLA of 2%/2.5%/2.5% over the three years, and includes the reclassification of one position out of the bargaining unit in the future.

ARTICLE 16 - TO FUND NASHUA ROAD PAVEMENT RESTORATION

To see if the Town will vote to raise and appropriate the sum of \$1,000,000 to the Capital Costs – Infrastructure Budget Line for the pavement restoration of Nashua Road, including any incidental or related costs and expenses; or act in relation thereto.

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

Finance Committee recommends approval.

Article 16 Explanation: Nashua Road is in need of resurfacing. This funding will resurface about one mile (from the bridge over the Concord River to Simons Farm). This funding will be used for the pavement restoration of Nashua Road, including any incidental or related costs and expenses. This article is intended to increase the Town's annual locally funded commitment to Capital Road work from \$500,000 to \$1,500,000.00.

ARTICLE 17 - TO FUND FISCAL YEAR 2020 TOWN CAPITAL BUDGET

To see if the Town will vote to transfer and appropriate from free cash the sum of \$238,000 to fund the Fiscal Year 2020 Town Capital Budget as outlined below; or act in relation thereto.

Town Hall Improvements	\$238,000.00
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Submitted by the Town Manager; authorized by the Board of Selectmen

Finance Committee recommends approval.

Article 17 Explanation: This money will be used to continue the renovation project at Town Hall. It is intended to fund a new floor in the basement, the renovation of the second floor hall way as well as offices in Town Hall. These renovations will primarily include new acoustic ceilings, lighting, paint and carpeting.

ARTICLE 18 - TO FUND FISCAL YEAR 2020 SCHOOL CAPITAL BUDGET

To see if the Town will vote to raise and appropriate or transfer from available funds the sum of \$1,100,000 to fund the Fiscal Year 2020 School Capital Budget; or act in relation thereto.

School	Project	Cost	Comment
Districtwide (ex HS)	Upgrade and add security cameras	\$80,000	
Districtwide (ex HS, Parker)	Exterior doors and locks, master key system and security	\$100,000	Phase 2 of 3-phase security project
Locke	Asbestos abatement of flooring and re-tile	\$135,000	1 st floor perimeter classrooms
Kennedy, Dutile, Hajjar	Asbestos abatement of flooring and re-tile	\$225,000	Classrooms
Kennedy, Dutile	Ceilings and lighting	\$200,000	Classrooms
Hajjar, Marshall	Paving Hajjar bus loop, portion of Marshall teacher lot	\$175,000	
Locke, Marshall	Interior lighting	\$50,000	Hallways
Marshall	Library and gym windows	\$85,000	
Dutile	Exterior soffits and repair deteriorated areas of foundation wall	\$50,000	Portable classrooms

Submitted by the School Committee

Finance Committee recommends approval.

Article 18 Explanation: These are the Capital needs for the School Department for Fiscal Year 2020.

ARTICLE 19 - TO FUND A WATER CONSERVATION REBATE PROGRAM

To see if the Town will vote to transfer and appropriate the sum of \$50,000 from the Water Conservation Fund to fund the Water Conservation Rebate Program; or act in relation thereto.

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

Finance Committee recommends approval.

Article 19 Explanation: The Town had funded a total of \$175,000 since 2011 for the Rebate Program. A total of 1,067 rebates have been issued since 2011 (193 dishwashers, 438 toilets and 436 washing machines).

ARTICLE 20 - TO FUND HYDRANTS AND VALVE REPLACEMENTS

To see if the Town will vote to transfer and appropriate the sum of \$100,000 from Water Conservation Funds for the replacement of hydrants and valves in the Water Distribution System, including any incidental or related costs and expenses; or act in relation thereto.

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

Finance Committee recommends approval.

Article 20 Explanation: This article will continue the Hydrants and Valve Replacement Program the Town started five years ago. This funding will fund the purchase of approximately fifty hydrants and valves. The work to replace these will be done using Town staff.

ARTICLE 21 - TO FUND DRINKING WATER RISK AND RESILIENCY ASSESSMENT

To see if the Town will vote to transfer and appropriate the sum of \$300,000 from Water Conservation Funds for the development of Risk and Resiliency Assessments (RRA's) and Emergency Response Plans (ERP's); or act in relation thereto.

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

Finance Committee recommends approval.

Article 21 Explanation: This is regarding the America's Water Infrastructure Act of 2018 (AWIA). It is a new requirement for Community Water Systems – Risk and Resilience Assessment and Emergency Response Plan. This requirement is mandated to be completed by the Town no later than December 30, 2021.

ARTICLE 22 - TO FUND PEG ACCESS CABLE TELEVISION SERVICES

To see if the Town will vote to transfer and appropriate the sum of \$90,374.72 from the PEG Access and Cable Related Fund to be provided to BATV for support of PEG Access Cable Television Services; or act in relation thereto.

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

Finance Committee recommends approval.

Article 22 Explanation: A recent change to the Mass General Laws established the requirement that PEG Access funds need to be appropriated at Town Meeting. The Town created the PEG Access and Cable Related Fund as part of Article 35 at the May 2019 Town Meeting.

ARTICLE 23 - TO FUND THE PURCHASE OF EQUIPMENT FOR THE DEPARTMENT OF PUBLIC WORKS

To see if the Town will to transfer and appropriate from Free Cash the sum of \$799,000 and to transfer and appropriate from the Water Conservation Fund the sum of \$81,000 to fund the replacement of DPW equipment as listed; or act in relation thereto.

70' Tree Bucket Truck 2001 P41	\$180,000	General Funds
F350 with Plow 2008 P-7	\$60,000	General Funds
F550 1 ton dump with Plow 2005 H-7	\$64,000	General Funds
5 Ton Dump with Plow 2002 H-31	\$165,000	General Funds
5 Ton Dump with Plow to 2002 H-37	\$165,000	General Funds
5 Ton Dump with Plow 2003 H-38	\$165,000	General Funds
Bob Cat W50	\$81,000	Water Conserv.

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

Finance Committee recommends approval.

Article 23 Explanation:

Truck Number	Description and Condition
P41	The current Town bucket truck is a 2001 and used for tree removal. It is no longer reliable and frequently breaks down and has become a safety issue.
P7	A 2008 F350 to be replaced because it frequently breaks down and is in need of constant repair.
H-7	A 2005 F550 to be replaced because it frequently breaks down and is in need of constant repair.
H-31, H37 & H38	5-ton dump trucks, 2002, 2002 and 2003 respectively. Taken out of service within the past year. Their primary function was winter plowing and icing treatment operation during the winter months. They were also used as dump trucks during construction season.
W50	A 2001 Bobcat 773 model with 2,100 hours of operation needs to be replaced because it frequently breaks down and is in need of constant repair.

ARTICLE 24 - TO FUND THE EXPANSION OF FOX HILL CEMETERY

To see if the Town will vote to transfer and appropriate the sum of \$3,000,000 from Free Cash to fund the expansion of Fox Hill Cemetery, including all design and engineering costs and incidental and related expenses; or act in relation thereto.

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

Finance Committee recommends approval.

Article 24 Explanation: This article is intended to replace a previous bond authorization for this purpose. The Town often bonds smaller projects initially to get them started but later pays for them with free cash to avoid the cost of borrowing.

ARTICLE 25 - TO FUND THE REPLACEMENT OF THE TOWN HALL GENERATOR

To see if the Town will vote to transfer and appropriate the sum of \$1,000,000 from Free Cash for the replacement of the Town Hall Generator , including all design and engineering costs and incidental and related expenses; or act in relation thereto.

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

Finance Committee recommends approval.

Article 25 Explanation: This article will fund the replacement of the Town Hall Generator, which would give the Town Hall and Police Department the capacity to be fully operational during an emergency power outage. This is the first phase of a two-year project. The second phase would address pedestrian access and safety issues around Town Hall as well as efficiency issues with parking layout. Funding for phase two will be requested next year.

ARTICLE 26 - TO BORROW FUNDS FOR THE DESIGN AND CONSTRUCTION OF A NEW FIRE DEPARTMENT PINEHURST SUB-STATION FACILITY

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 Subsection 1, or any other relevant statute, the sum of \$10,000,000 to be spent under the direction of the Town Manager for the design, Owners Project Manager Services, site preparation and construction of a new Fire Department Pinehurst Sub-Station Facility, 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 Massachusetts 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 26 Explanation: The design team has estimated a project cost of \$10,000,000.00. This authorization would pay for Final Design costs and all other ancillary engineering and design costs as well as construction. The new Pinehurst station will have two bays that can accommodate all modern equipment as well as a mechanics bay in back that can accommodate a ladder truck. The facility will be equipped with conference space, report wring space, sleeping quarters, a day room and fitness room.

ARTICLE 27 – THIS ARTICLE HAS BEEN WITHDRAWN

ARTICLE 28 – THIS ARTICLE HAS BEEN WITHDRAWN

ARTICLE 29 - RESCIND BORROWING AUTHORIZATIONS

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

Art # 20	Oct 2018 TM	Fox Hill Cemetery	\$ 3,000,000
Art # 26	May 2017 TM	Allen Road Water	\$ 265,000
Art # 19	May 2016 TM	Allen Road Sewer	\$ 400,000
Art # 31	Oct 2015 TM	Salem Road	\$ 1,460,000
Art # 20	May 2014 TM	Sewer Contract 35	\$ 4,275,038
Art # 30	Oct 2013 TM	WWTP	\$ 398,500
Art # 20	May 2012 TM	Pump Stations	\$ 958,604
Art # 22	Oct 2011 TM	Sewer Contract 34B	\$ 248,850
Art # 22	Oct 2010 TM	Pump Stations	\$ 1,829,814

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

Finance Committee recommends approval.

Article 29 Explanation: This article will rescind previous borrowing authorizations that are no longer needed.

ARTICLE 30 - TO VOTE A SUM OF MONEY TO THE DEBT STABILIZATION FUND

To see if the Town will vote to transfer and appropriate from Free Cash the sum of \$1,300,000 and transfer and appropriate from Wastewater Retained Earnings the sum of \$500,000 to the Debt Stabilization Fund; or act in relation thereto.

Submitted by the Finance Committee

Finance Committee recommends approval.

Article 30 Explanation: The Town, through the Board of Selectmen, has established a Debt Stabilization Policy that maintains the same level of appropriation from the tax levy year to year - \$9.066 million. This is accomplished in the following two ways:

- *Transferring a minimum amount of free cash and or retained earnings annually in the amount of \$1.8 million to the Debt Stabilization Fund.*
- To appropriate the difference of any year that is lower than \$9.066 million to Debt Stabilization.
- If the annual appropriation exceeds \$9.066 Million to transfer the amount that it exceeds the desired level of appropriation (\$9.066) from the Debt Stabilization Fund into the Debt Service Appropriation. To ensure that the tax impact of the debt service on the new high school and the Parker Elementary does not exceed \$200 on the median Household.

The balance in the Debt Stabilization Account is used to minimize the tax levy impact that would otherwise be realized with addition of sewer debt and school capital debt. At the time the warrant was printed, the Department of Revenue had not yet certified Free Cash and Enterprise Water and Sewer Retained Earnings Funds as of July 1, 2019. The Debt Stabilization Fund balance as of June 30, 2019 is \$18,131,048.

ARTICLE 31 - TO VOTE A SUM OF MONEY TO THE STABILIZATION FUND

To see if the Town will vote to raise and appropriate or transfer from Free Cash the sum of \$6,000,000 to the Stabilization Fund; or act in relation thereto.

Submitted by the Finance Committee

Finance Committee has not yet made final recommendation.

Article 31 Explanation: The purpose of this fund is to set money aside to be used at a later time for unforeseen or unanticipated circumstances. The current balance of the Town Stabilization Fund is \$4,978,152 for the Town and \$759,377 for the School Department. At the time this warrant was printed, the Department of Revenue had not yet certified Free Cash as of July 1, 2019.

ARTICLE 32 - TO VOTE A SUM OF MONEY TO THE LAND BANK ACCOUNT

To see if the Town will vote to raise and appropriate or transfer from Free Cash the sum of \$6,000,000 to the Land Bank Account; or act in relation thereto.

Submitted by the Finance Committee

Finance Committee does not recommend.

Article 32 Explanation: The Land Bank Account was established by special legislation. The balance as of August 22nd of the Town Land Fund is \$564,810. At the time this warrant was printed, the Department of Revenue had not yet certified Free Cash as of July 1, 2019.

ARTICLE 33 - TO VOTE A SUM OF MONEY TO BE APPLIED OR EXPENDED FOR THE PURPOSE OF REDUCING THE FISCAL YEAR 2020 TAX LEVY

To see if the Town will vote to raise and appropriate or transfer from Free Cash the sum of \$6,000,000 to be applied or expended for the purpose of reducing the Fiscal Year 2020 Tax Levy; or act in relation thereto.

Submitted by the Finance Committee

Finance Committee does not recommend.

Article 33 Explanation: To be presented at Town Meeting. At the time this warrant was printed, the Department of Revenue had not yet certified Free Cash as of July 1, 2019.

ARTICLE 34 - TO VOTE A SUM OF MONEY TO FUND THE SNOW AND SAND DEFICIT

To see if the Town will vote to transfer and appropriate from Free Cash the sum of \$1,000,000 to fund the Snow and Sand Deficit; or act in relation thereto.

Submitted by the Finance Committee

Finance Committee does not recommend.

Article 34 Explanation: To be presented at Town Meeting. At the time this warrant was printed, the Department of Revenue had not yet certified Free Cash as of July 1, 2019.

ARTICLE 35 - TO AUTHORIZE THE BOARD OF SELECTMEN TO PETITION THE STATE LEGISLATURE TO LIFT A RESTRICTION ON A PARCEL OF LAND FOR THE PURPOSE OF TOWN USE

To see if the Town will vote to transfer the care, custody and control of those parcels of land identified respectively as a portion of Conservation Land Area Number 1, consisting of approximately 14,800 square feet (.34 acres) and Conservation Land Area Number 3, consisting of approximately 91,063 square feet (2.09 acres), together comprising approximately 2.5 acres, being Assessor's Map 59-111-0, as shown on a plan entitled "Plan of Land in Billerica Massachusetts showing proposed restriction areas on 347 Old Middlesex Turnpike prepared for the Town of Billerica, 365 Boston Road, Billerica Massachusetts 01821" dated September 6, 2019, said plan on file with the Town Clerk, from the Conservation Commission, as held for conservation purposes, to the Board of Selectmen, to be held for general municipal purposes; and, further, in order to satisfy the Executive Office of Energy and Environmental Affairs' "no net loss policy", to transfer the care, custody and control of a parcel of land identified as a portion of Conservation Land Area Number 1, as shown on the aforesaid plan, comprising an additional 212,000 square feet (4.87 acres), more or less, being Assessors Map 59, Lot 111, currently held by the Board of Selectmen for general municipal purposes, to the Conservation Commission for conservation purposes, said parcel to be held in perpetuity for conservation purposes pursuant to the provisions of G.L. c. 40, sec. 8C and Article 97 of the Amendments to the Constitution of the Commonwealth of Massachusetts; and further, to authorize the Board of Selectmen to submit a petition to the General Court for a special act authorizing the transfers of land set forth herein under said Article 97, with the foregoing transfers of said properties to be held for conservation purposes to become effective upon the enactment of the Article 97 legislation, or act in relation thereto.

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

Finance Committee recommends approval.

Article 35 Explanation: The Town is proposing to modify the Conservation Land Area Restrictions on a portion of Town-owned land located at 347 Old Middlesex Turnpike, Map 59, Lot 111. The site consists of an approximate 68 acre parcel located between Old Middlesex Turnpike and Route 3. The site includes unrestricted land area and four separate restricted land areas as follows:

- Unrestricted Land Area: 33.94 acres
- Conservation Land Area #1: 14.96 acres
- Conservation Land Area #2: 16.87 acres
- Conservation Land Area #3: 2.09 acres

- Archeological Resource Area: 0.13 acres

The Town is proposing to modify the Conservation Land Area restrictions as follows to accommodate the construction of a new Public Works facility:

- Remove Conversation Land Area #3 in the amount of 91,063 SF (2.09 acres)
- Remove a portion of Conservation Land Area #1 in the amount of 14,800 SF (0.34 acres)
- Increase Conservation Land Area #1 to offset the reductions in the amount of 212,000 SF (4.87 acres). This represents a 2:1 replacement of the proposed Conservation Land Area reductions.

ARTICLE 36 - TO TRANSFER THE CARE, CUSTODY, MANAGEMENT AND CONTROL OF THE VINING SCHOOL FROM THE SCHOOL COMMITTEE TO THE BOARD OF SELECTMEN

To see if the Town will vote to transfer from the care, custody, management and control of the real property identified as the Vining School, more specifically identified on the Billerica Assessors' Map 88, Parcel 101, from the School Committee as held for school purposes to the Board of Selectmen for general municipal purposes including the purpose of disposition; or act in relation thereto.

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

Finance Committee recommends approval.

Article 36 Explanation: This land was taken by eminent domain in the 1950s by Town Meeting for "an educational purpose". Accordingly, the statute requires Town Meetings approval to reclassify it to a municipal purpose.

ARTICLE 37 -TO LIMIT THE NUMBER OF MARIJUANA ESTABLISHMENTS IN THE TOWN OF BILLERICA

To see if the Town will vote to amend the General By-laws, Section XXVI, Marijuana By-Law, to regulate the number of marijuana establishments in the Town by inserting therein a new subsection 2.11 as follows; or act in relation thereto.

2.11 Limitation on Licenses. The number of Adult Use Marijuana Retailers, as defined in G.L. c.94G, §1 and 935 CMR 500.00, permitted to be located in the Town shall be limited to twenty percent (20%) of the number of year round licenses issued within the Town for the retail sale of alcoholic beverages not to be drunk on the premises where sold pursuant to G.L. c.138 §15. In the event that 20% of said licenses are not a whole number, the limit shall be rounded up to the nearest whole number.

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

Finance Committee does not recommend.

Article 37 Explanation: Under the current by-law there is no limit to the number of Marijuana Establishments. Approval of this By-law would limit the number to two establishments within the district. This is a reasonable restriction based on the size of the district and the limits allowed under the law.

ARTICLE 38 – THIS ARTICLE HAS BEEN WITHDRAWN

ARTICLE 39 - TO AUTHORIZE THE BOARD OF SELECTMEN TO ACCEPT ROADS AS PUBLIC WAYS

To see if the Town will vote to accept the following listed roads as public ways in accordance with the layouts adopted by the Board of Selectmen and on file with the Town Clerk; and to authorize the Board of Selectmen to acquire by gift, purchase, or eminent domain, such interests in land as are necessary to provide for the use and maintenance of said ways for all purposes for which public ways are used in the Town of Billerica; or act in relation thereto.

Battcock Road, from Allen Road to dead end, approximate length 340' and 30' width right of way, as depicted on the plan entitled '*Existing Condition, Battcock Road, Billerica, MA*' dated July 17, 2002 by Allen & Major Associates, Inc. (Engineering Division Plan B-4-152)

Call Street, from Pollard Street to Rogers Street, approximate length 2,320' and variable width right of way, as depicted on the plan entitled '*Roadway Survey, Call Street, Billerica, MA*' dated April 23, 2019 by Lighthouse Land Surveying, LLC (Engineering Division Plan B-4-269)

Country Lane, from Lake Street to dead end, approximate length 1,055' and 40' width right of way, as depicted on the plan entitled '*Plan & Profile, Country Lane, Billerica, MA*' dated April 4, 2019 by Lighthouse Land Surveying, LLC (Engineering Division Plan B-4-270)

Dell Hollow Road, from Sylvan Road to dead end, approximate length 470' and 30' width right of way, as depicted on the plan entitled '*As Built Dell Hollow Road Plan Profile, Billerica, MA*' dated January 5, 2009 by Noonan & McDowell, Inc. (Engineering Division Plan B-4-222)

Glendale Street, from McDonough Way to dead end, approximate length 190' and 40' width right of way, as depicted on the plan entitled '*Roadway Survey, Glendale Street, Billerica, MA*' dated April 23, 2019 by Lighthouse Land Surveying, LLC (Engineering Division Plan B-4-271)

Intervale Road, from Devonshire Road to dead end, approximate length 420' and 40' width right of way, as depicted on the plan entitled '*Roadway Survey, Intervale Road, Billerica, MA*' dated September 4, 2019 by Lighthouse Land Surveying, LLC (Engineering Division Plan B-4-272)

McDonough Way, from Myrtle Street to Wedgemere Street, approximate length 380' and 40' width right of way, as depicted on the plan entitled '*Existing Condition, McDonough Way, Billerica, MA*' dated August 16, 2002 by Allen & Major Associates, Inc. (Engineering Division Plan B-4-190)

Plenty Street, from Friendship Street to south dead end, approximate length 250' and 25' width right of way, and from Stewart Street to Mulcahy Lane, approximate length 250' and 25' width right of way, meaning and intending to accept the full length of Plenty Street (approximately 890'), as depicted on the plan entitled '*Existing Condition, Plenty Street, Billerica, MA*' dated March 15, 2002 by Allen & Major Associates, Inc. (Engineering Division Plan B-4-114)

Riverdale Road, from Sylvan Road to dead end, approximate length 1,360' and variable width right of way, as depicted on the plan entitled '*Existing Condition, Riverdale Road, Billerica, MA*' dated April 21, 2006 by Allen & Major Associates, Inc. (Engineering Division Plan B-4-48)

Sylvan Road, from Ravine Road northeast to Riverdale Road, approximate length 1,200' and 40' width right of way, as depicted on the plan entitled '*Plan & Profile, Sylvan Road, Billerica, MA*' dated September 4, 2019 by Lighthouse Land Surveying, LLC (Engineering Division Plan B-4-273)

Whittemore Terrace, from Riverdale Road to dead end, approximate length 170' and 40' width right of way, as depicted on the plan entitled '*Roadway Survey, Whittemore Terrace, Billerica, MA*' dated September 4, 2019 by Lighthouse Land Surveying, LLC (Engineering Division Plan B-4-274)

Winsor Road, from Allen Road to dead end, approximate length 2,000' and 50' width right of way, as depicted on the plan entitled '*Roadway Survey, Winsor Road, Billerica, MA*' dated September 4, 2019 by Lighthouse Land Surveying, LLC (Engineering Division Plan B-4-275)

Winthrop Street, from Boston Road to dead end, approximate length 480' and 40' width right of way, as depicted on the plan entitled '*Existing Condition, Winthrop Street, Billerica, MA*' dated August 26, 2002 by Allen & Major Associates, Inc. (Engineering Division Plan B-4-211)

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

Finance Committee recommends approval.

Article 39 Explanation: The Department of Public Works has identified the above listed roads as candidates for street acceptance. This list was developed based on a combination of citizen petitions and roads that are in the area of a future sewer project.

ARTICLE 40 - TO CREATE AN INJURY LEAVE INDEMNITY FUND

To see if the Town will vote to accept the second-to-last paragraph of M.G.L. c.41, §111F to create a special fund to be known as the Injury Leave Indemnity Fund, to be expended by the Board of Selectmen without further appropriation for payment of injury leave compensation or medical bills incurred under M.G.L. c.41, §100 or 111F, to which fund appropriations may be made, and amounts received from insurance proceeds or restitution for injuries to firefighters or police officers shall be credited, with the balance in said fund to carry over from year to year, provided further that the Board of Selectmen may, if the amounts therein are not immediately necessary for the purpose of the fund or required in the foreseeable future, release specific amounts to the General Fund; or act in relation thereto.

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

Finance Committee recommends approval.

Article 40 Explanation: This article allows the Town to capture 111F insurance settlements into a special fund. This will enable the Town to carry these monies from year to year and address 111F claims with less appropriation against the tax levy.

ARTICLE 41 - TO ACCEPT MASSACHUSETTS GENERAL LAW CHAPTER 138, SECTION 33B SALES OF ALCOHOLIC BEVERAGES BY ON-PREMISE LICENSEES ON SUNDAYS AND CERTAIN LEGAL HOLIDAYS; SALES BETWEEN 10:00 AM AND 12:00 NOON

To see if the Town will vote to accept the provisions of M.G.L. Chapter 138, Section 33B, as amended, allowing the Board of Selectmen acting in its capacity as the local licensing authority to approve applications for the on-premises sale of alcoholic beverages between the hours of 10:00 a.m. and 12:00 noon on Sundays, the last Monday in May and on Christmas day or on the day following when said day occurs on Sunday; 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 M.G.L. Chapter 138, Section 33B in its entirety. This would allow alcohol to be served earlier than noon on Sunday and on certain specified days associated with holidays.

**ARTICLE 42 - TO ACCEPT PROVISIONS OF M.G.L. CHAPTER 59, SECTION 5,
CLAUSES 22G AND 22H**

To see if the Town will vote to accept the provisions of M.G.L. Chapter 59, Section 5, Clauses Twenty-second G and Twenty-second H, commonly known as a part of the provisions of the Brave Act, to allow pursuant to Clause Twenty-second G for real estate tax exemptions available under M.G.L Chapter 59, §5, clauses Twenty-second, Twenty-second A, Twenty-second B, Twenty-second C, Twenty-second D, Twenty-second E and Twenty-second F for real estate that is the domicile of disabled veterans but is owned by a trustee, conservator or other fiduciary for the benefit of the disabled veteran to the same extent as if the disabled veteran were the owner of the real estate; and to allow pursuant to Clause Twenty-second H for a real estate tax exemption for real estate to the full amount of the taxable valuation of the real property of the surviving parents or guardians of soldiers and sailors, members of the National Guard and Veterans who: (i) during active duty service, suffered an injury or illness documented by the United States Department of Veteran Affairs or a branch of the armed forces that was a proximate cause of their death; or (ii) are missing in action with a presumptive finding of death as a result of active duty service as members of the armed forces of the United States; provided, however, that the real estate shall be occupied by the surviving parents or guardians as the surviving parents' or guardians' domicile; and provided further, that the surviving parents or guardians shall have been domiciled in the Commonwealth for 5 consecutive years immediately before the date of filing for an exemption pursuant to this clause or the soldier or sailor, member of the National Guard or veteran was domiciled in the commonwealth for not less than 6 months prior to entering the service. Surviving parents or guardians eligible for an exemption pursuant to this clause shall be eligible regardless of when the soldier, sailor, member of the National Guard or veteran died or because missing in action with a presumptive finding of death, such exemption to be available until such time as the surviving parents or guardians are deceased, and provided that no real estate shall be so exempt which has been conveyed to the surviving parents or guardians to evade taxation; or act in relation thereto.

Submitted by the Board of Assessors

Finance Committee recommends approval.

Article 42 Explanation: Clause Twenty-second G corrects an unforeseen situation where disabled veterans were not allowed to claim property tax exemptions in circumstances where they did not own their property. Adoption of Clause Twenty-second G would allow them to still qualify for their property tax exemption even if their property was held in some other ownership entity to their benefit. Clause Twenty-second H extends full real estate tax exemption to the surviving

parents/guardians of servicemen and servicewomen who went missing in action and are presumed to have died and active duty military personnel (including National Guardsmen on active duty) and disabled veterans who died as a proximate result of injuries or diseases during active duty.

ARTICLE 43 - TO FORM A COMMITTEE TO REVIEW THE BILLERICA PUD PROGRAM

To see if the Billerica Town Meeting will vote to form a committee of 11 members to review the progress of the Billerica PUD program.

The committee shall create a cost to benefit analysis to include how implementation of PUD overlay zoning will affect traffic, water, sewer, public safety and schools.

The committee shall consist of one member from each precinct, and the Economic Development Director as an Ex-Officio member subject to the approval of Town Manager. The committee will give a report to the spring 2020 Town Meeting.

All members shall be appointed by the Town Moderator. Or act in relation thereto.

Submitted by Selectman Michael Rosa

Finance Committee does not recommend.

ARTICLE 44 - TO AMEND THE BILLERICA ZONING MAP

To see if the Town will vote to amend the Billerica Zoning Map by deleting the following parcels from the table titled “Boston Road North Parcel Inventory” added in the 2016 Annual Fall Town Meeting. Or act in relation thereto.

<u>Parcel</u>	<u>Address</u>
31-155-0	290 Boston Road
15-248-1	186 Boston Road
15-237-2	Boston Road
22-15-0	Rear Boston Road

Submitted by Selectman Michael Rosa

Finance Committee does not recommend.

ARTICLE 45 - PETITIONER ARTICLE

To see if the Town will vote to amend Article IV, Section 7 (REPAIR/IMPROVEMENT OF UNACCEPTED WAYS) of the General By-Laws of the Town of Billerica as follows:

A. To delete Sub-Section 7.1 in its entirety, which presently reads:

“7.1 Upon the petition of at least seventy-five percent (75%) of the owners abutting an unaccepted street, with each ownership entity to count as one petitioner, the Board of Selectmen may, if the Board determines that public necessity requires the repair or reconstruction of said street, expend funds appropriated for the repair or reconstruction of such streets including drainage improvements, if needed, provided the following requirements are met:”

and replace the same with new Sub-Section 7.1 as follows:

“Upon the petition of at least seventy-five percent (75%) of the owners abutting an unaccepted street, or seventy-five percent of the owners of land dependent on an unaccepted street for access to their lot, with each ownership entity to count as one petitioner, the Board of Selectmen may, if the Board determines that public necessity requires the repair or reconstruction of said street, expend funds appropriated for the repair or reconstruction of such streets including drainage improvements, if needed, provided the following requirements are met:”

B. To delete Sub-Section 7.4 in its entirety, which presently reads:

“7.4 Prior to any expenditure by the Town on construction, the owners of all land abutting on the way shall: (i) release the Town from all liability in connection with the project; (ii) agree to indemnify and hold harmless the town from all claims of injury or damage to third parties; and (iii) grant to the town and its agents, contractors and employees a license to enter the street to perform the project.”

and replace the same with new Sub-Section 7.4 as follows:

“7.4 Prior to any expenditure by the Town on construction, the Petitioners pursuant to Sub-Section 7.1 above shall: (i) release the Town from all liability in connection with the project; (ii) agree to indemnify and hold harmless the town from all claims of injury or damage to third parties; and (iii) grant to the town and its agents, contractors and employees a license to enter the street to perform the project.”

C. To delete Sub-Section 7.6 in its entirety, which presently reads:

“7.6 No betterment charges shall be assessed unless Town Meeting, in appropriating funds for a particular project, determines that betterments shall be assessed for such project, and in such vote, determine the percentage of project cost to be assessed. If betterments are assessed, assessments shall be made either by a uniform unit method, with each unit equal to an existing or potential lot fronting on the street, or on the basis of lineal frontage of each lot on the street, choice of method to be made by the Board of Selectmen.”

and replace the same with new Sub-Section 7.6 as follows:

“7.6 No betterment charges shall be assessed unless Town Meeting, in appropriating funds for a particular project, determines that betterments shall be assessed for such project, and in such vote, determine the percentage of project cost to be assessed. If betterments are assessed, assessments shall be made either by a uniform unit method, with each unit equal to an existing or potential lot fronting on the street, or on the basis of lineal frontage of each lot on the street, or by uniform unit method, with each unit equal to a lot dependent on the unaccepted street to be repaired or reconstructed for access to their lot, choice of method to be made by the Board of Selectmen.”

D. To delete Sub-Section 7.7 in its entirety, which presently reads:

“7.7 A corner or “through” lot having both adequate frontage and access on another street shall not be assessed unless such lot has sufficient area and frontage on the street to be improved, that an additional lot or lots fronting on such street could be created.”

and replace the same with new Sub-Section 7.7 as follows:

“7.7 A corner or “through” lot having both adequate frontage and access on another street shall not be assessed unless such lot has sufficient area and frontage on the street to be improved, that an additional lot or lots fronting on such street could be created, or unless the Board of Selectmen uses the method of assessing lot owners dependent on the unaccepted street to be repaired or reconstructed for access to their lot as set forth in Sub-Section 7.6 above.”

Or act in relation thereto.

Submitted by Stephen J. Lentine and Messr. Burns and Madames Morris, Belbin, Dellanno, Doyle, Sarno, Parker, L’Heureux, Rancatore, Young and Riley.

Finance Committee recommends approval.

ARTICLE 46 - PETITIONER ARTICLE

To see if Billerica Town Meeting – Fall of 2019, will vote to affirm the following Resolution:

In 1775, Thomas Ditson took action to protect his life and the life of his loved ones.

He was tarred, feathered and paraded to the tune of Yankee Doodle, thus ensuring a future declaration of Billerica to be officially named Massachusetts' Yankee Doodle Town.

In this year of 2019, Billerica residents now resolve to take another stance in the effort to protect life, as well as our basic human rights.

Irrespective of age or stage of life, we, the Town of Billerica, hereby affirm the sanctity of life applies to every human, recognizing their inherent dignity, regardless of race, gender, faith, size or ability.

Submitted by Blake Robertson and Messrs. Robertson, Mandile, Burns, Burrows, Chin, Glavin and Madames Dorrington, Parsons, Robertson, Chiccarelli and Mandile.

Finance Committee recommends approval.

ARTICLE 47 - PETITIONER ARTICLE

To see if the Town will vote to adopt Massachusetts General Laws Part 1, Title IX, Chapter 59, Section 5, Clause 41C1/2 as an option for property tax relief for Seniors over 70 years of age, to set the Clause 41C1/2 exemption at 20% of the average assessed valuation of residential property in Billerica, and to set the allowable income limits of Clause 41C1/2 to the limit for the “circuit breaker” state income tax credit for single non-head of household filers, as allowed by Massachusetts General Laws Part 1, Title IX, Chapter 59, Section 5, Clause 41C1/2 by vote of this legislative authority of the Town of Billerica; or act in relation thereto.

Submitted by David Johnson and Messrs. Hunt, Lee, Kepple, Simolaris, Knight, Angiuoni and Madames Johnson, Lee, Lee and Angiuoni.

Finance Committee has not yet made final recommendation.

ARTICLE 48 - PETITIONER ARTICLE

To see if Billerica Town Meeting will vote to amend the Zoning By-Laws to add automobile rental as an allowed use, by special permit granted by the Zoning Board of Appeals. In the following zoning districts: General Business, Commercial and Industrial. Or act in relation thereto.

Submitted by Michael Rosa and Messrs. Green, Busalacchi, Cavicchio, Rosa, Mercure, Saulnier, Goodwin and Madames Nolan, Saulnier, Rosa and Goodwin.

Finance Committee recommends approval.

ARTICLE 49 - PETITIONER ARTICLE

To see if the Town will vote to transfer from Sewer Enterprise Retained Earnings a sum of \$One Million Dollars to be applied and/or expended for the purpose of reducing the FY 2021 Sewer Rate Revenue; or act in relation thereto.

Submitted by John Piscatelli and Anthony Ventresca and Messrs. Damon, Damon, Morris, Parisse, Rosa, Rosa and Madames Parisse, Rosa, Moore and Bova.

Finance Committee does not recommend.

ARTICLE 50 - PETITIONER ARTICLE

To see if the Town will vote to transfer from Water Enterprise Retained Earnings a sum of \$One Million Dollars to be applied and/or expended for the purpose of reducing the FY 2021 Water Rate Revenue; or act in relation thereto.

Submitted by John Piscatelli and Anthony Ventresca and Messrs. Damon, Damon, Morris, Parisse, Rosa, Rosa and Madames Parisse, Rosa, Moore and Bova.

Finance Committee does not recommend.

Appendix A

Statutory References

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 3, 4, and 30

CHAPTER 40: SECTION 5B. STABILIZATION FUNDS; ESTABLISHMENT

Section 5B. For the purpose of creating 1 or more stabilization funds, cities, towns and districts may appropriate in any year an amount not exceeding, in the aggregate, 10 per cent of the amount raised in the preceding fiscal year by taxation of real estate and tangible personal property or such larger amount as may be approved by the director of accounts. The aggregate amount in such funds at any time shall not exceed 10 per cent of the equalized valuation of the city or town as defined in section 1 of chapter 44. Any interest shall be added to and become part of the fund.

The treasurer shall be the custodian of all such funds and may deposit the proceeds in national banks or invest the proceeds by deposit in savings banks, co-operative banks or trust companies organized under the laws of the commonwealth, or invest the same in such securities as are legal for the investment of funds of savings banks under the laws of the commonwealth or in federal savings and loans associations situated in the commonwealth.

At the time of creating any such fund the city, town or district shall specify, and at any later time may alter, the purpose of the fund, which may be for any lawful purpose, including without limitation an approved school project under chapter 70B or any other purpose for which the city, town or district may lawfully borrow money. Such

specification and any such alteration of purpose, and any appropriation of funds into or out of any such fund, shall be approved by two-thirds vote, except as provided in paragraph (g) of section 21C of chapter 59 for a majority referendum vote. Subject to said section 21C, in a town or district any such vote shall be taken at an annual or special town meeting, and in a city any such vote shall be taken by city council.

Article 25

Article 26

CHAPTER 44. MUNICIPAL FINANCE

MUNICIPAL INDEBTEDNESS

Section 7. Cities and towns may incur debt, by a two-thirds vote, within the limit of indebtedness prescribed in section 10, for the following purposes and payable within the periods hereinafter specified not to exceed 30 years or, except for clauses (2), (3), (6) and (7), within the period determined by the director to be the maximum useful life of the public work, improvement or asset being financed under any guideline issued under section 38:

(1) For the acquisition of interests in land or the acquisition of assets, or for the following projects: the landscaping, alteration, remediation, rehabilitation or improvement of public land, the dredging, improvement, restoration, preservation or remediation of public waterways, lakes or ponds, the construction, reconstruction, rehabilitation, improvement, alteration, remodeling, enlargement, demolition, removal or extraordinary repair of public buildings, facilities, assets, works or infrastructure, including: (i) the cost of original equipment and furnishings of the buildings, facilities, assets, works or infrastructure; (ii) damages under chapter 79 resulting from any such acquisition or project; and (iii) the cost of engineering, architectural or other services for feasibility studies, plans or specifications as part of any acquisition or project; provided that the interest in land, asset acquired or project shall have a useful life of at least 5 years; and provided further, that the period of such borrowing shall not exceed the useful life of the interest in land, asset acquired or project.

Article 19, 20, and 21

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.

Article 40

CHAPTER 41 SECTION 111F.

Notwithstanding the provisions of this section, section 100 or any other general or special law to the contrary, any city, town or district that accepts this paragraph may establish and appropriate amounts to a special injury leave indemnity fund for payment of injury leave compensation or medical bills incurred under this section or said section 100, and may deposit into such fund any amounts received from insurance proceeds or restitution for injuries to firefighters or police officers. The monies in the special fund may be expended, with the approval of the chief executive officer and without further appropriation, for paying expenses incurred under this section or said section 100, including, but not limited to, expenses associated with paying compensation other than salary to injured firefighters or police officers and providing replacement services for the injured firefighters or police officers, in lieu of or in addition to any amounts appropriated for the compensation of such replacements. Any balance in the fund shall carry over from year to year, unless specific amounts are released to the general fund by the chief executive officer upon a finding that the amounts released are not immediately necessary for the purpose of the fund, and not required for expenses in the foreseeable future.

Article 41

CHAPTER 138 SECTION 33B: SALES OF ALCOHOLIC BEVERAGES BY ON-PREMISE LICENSEES ON SUNDAYS AND CERTAIN LEGAL HOLIDAYS; SALES BETWEEN 10:00 A.M. AND 12:00 NOON

Section 33B. The local licensing authority of any city or town which accepts this section may authorize licensees under section twelve to sell alcoholic beverages between the hours of 10:00 a.m. and 12:00 noon on Sundays, the last Monday in May and on Christmas day or on the day following when said day occurs on Sunday.

Article 42

CHAPTER 59 SECTION 5: PROPERTY; EXEMPTIONS

Twenty-second G. In any city or town that accepts this clause, real estate that is the domicile of a person but is owned by a trustee, conservator or other fiduciary for the person's benefit if the real estate would be eligible for exemption under clause Twenty-second, Twenty-second A, Twenty-second B, Twenty-second C, Twenty-second D, Twenty-second E or Twenty-second F if the person were the owner of the real estate.

Twenty-second H. Real estate to the full amount of the taxable valuation of real property of the surviving parents or guardians of soldiers and sailors, members of the National Guard and veterans who: (i) during active duty service, suffered an injury or illness documented by the United States Department of Veterans Affairs or a branch of the armed forces that was a proximate cause of their death; or (ii) are missing in action with a presumptive finding of death as a result of active duty service as members of the armed forces of the United States; provided, however, that the real estate shall be occupied by the surviving parents or guardians as the surviving parents' or guardians' domicile; and provided further, that the surviving parents or guardians shall have been domiciled in the commonwealth for the 5 consecutive years immediately before the date of filing for an exemption pursuant to this clause or the soldier or sailor, member of the National Guard or veteran was domiciled in the commonwealth for not less than 6 months before entering service.

Surviving parents or guardians eligible for an exemption pursuant to this clause shall be eligible regardless of when the soldier, sailor, member of the National Guard or veteran died or became missing in action with a presumptive finding of death; provided, however, that the exemption shall only apply to tax years beginning on or after January 1, 2019. Such exemption shall be available until such time as the surviving parents or guardians are deceased. No real estate shall be so exempt which has been conveyed to the surviving parents or guardians to evade taxation. This clause shall take effect upon its acceptance by any city or town.

OTHER

ENTERPRISE FUND

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.

SEWER PLANT EXPANSION AND INFLOW AND INFILTRATION SPECIAL LEGISLATION

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.

Billerica Land Bank

CHAPTER 100 OF THE ACTS OF 2000

AN ACT AUTHORIZING THE TOWN OF BILLERICA TO ESTABLISH A CERTAIN FUND.

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.

Appendix B
Town Budget Information

Article	Description	FY2019 Free Cash	FY2019 Sewer Retained Earnings	FY2019 Water Retained Earnings	FY2020 Debt Stabilization Fund	FY2020 PEG Access Fund	FY2020 Water Conservation	FY2020 Raise and Appropriate	FY2020 Bond Authorization	Article Total
3	FY2020 Budget Amendment									
4	Debt Stabilization Transfer	\$ 7,482,054.00						400,456.00		400,456.00
5	BMEA DPW Contract (2020)				950,000.00			115,000.00		950,000.00
8	Civilian Dispatch							-		-
9	NEPBA A Contract (2017-2019)							-		-
10	NEPBA B Contract (2017-2019)							-		-
11	Paramedic (2017-2019)							-		-
14	School Custodial	43,357.00						43,357.00		43,357.00
15	School Central	19,640.00						19,640.00		19,640.00
16	Nashua Road							1,000,000.00		1,000,000.00
17	Capital Budget	220,055.00						220,055.00		220,055.00
18	School Capital Budget	1,100,000.00						1,100,000.00		1,100,000.00
19	Water Conservation Rebate Program						50,000.00			50,000.00
20	Hydrants and Valves						100,000.00			100,000.00
21	Drinking Water Risk and Resiliency						300,000.00			300,000.00
22	PEG Access					90,374.72	81,000.00			90,374.72
23	Capital for Public Works	799,000.00								799,000.00
24	Fund Fox Cemetery Project	3,000,000.00								3,000,000.00
25	TH Generator and TH Parking	1,000,000.00								1,000,000.00
26	Borrowing Authorization Pinehurst Fire Station								10,000,000.00	10,000,000.00
30	Appropriate to Debt Stabilization Fund	1,300,000.00			500,000.00					1,800,000.00
		7,482,052.00	500,000.00	-	950,000.00	90,374.72	531,000.00	1,515,456.00	10,000,000.00	21,068,882.72
	Balance Remaining	\$ 2.00	\$ 1,776,617.08	\$ 1,408,951.03	\$ 16,927,857.00	\$ -	\$ 94,000.00	\$ -	\$ -	

Free Cash Analysis for DOR Guide lines

FY2020 Total Appropriation	\$ 154,067,414.65	100%
DOR Maximum Recommended Free Cash (between 3%-5%)	7,703,370.73	5.00%
Actual Free Cash less previous year balanc	7,482,054.00	4.86%

DEPARTMENT OF REVENUE DIVISION OF LOCAL SERVICES TECHNICAL ASSISTANCE SECTION FOR MORE
Free Cash

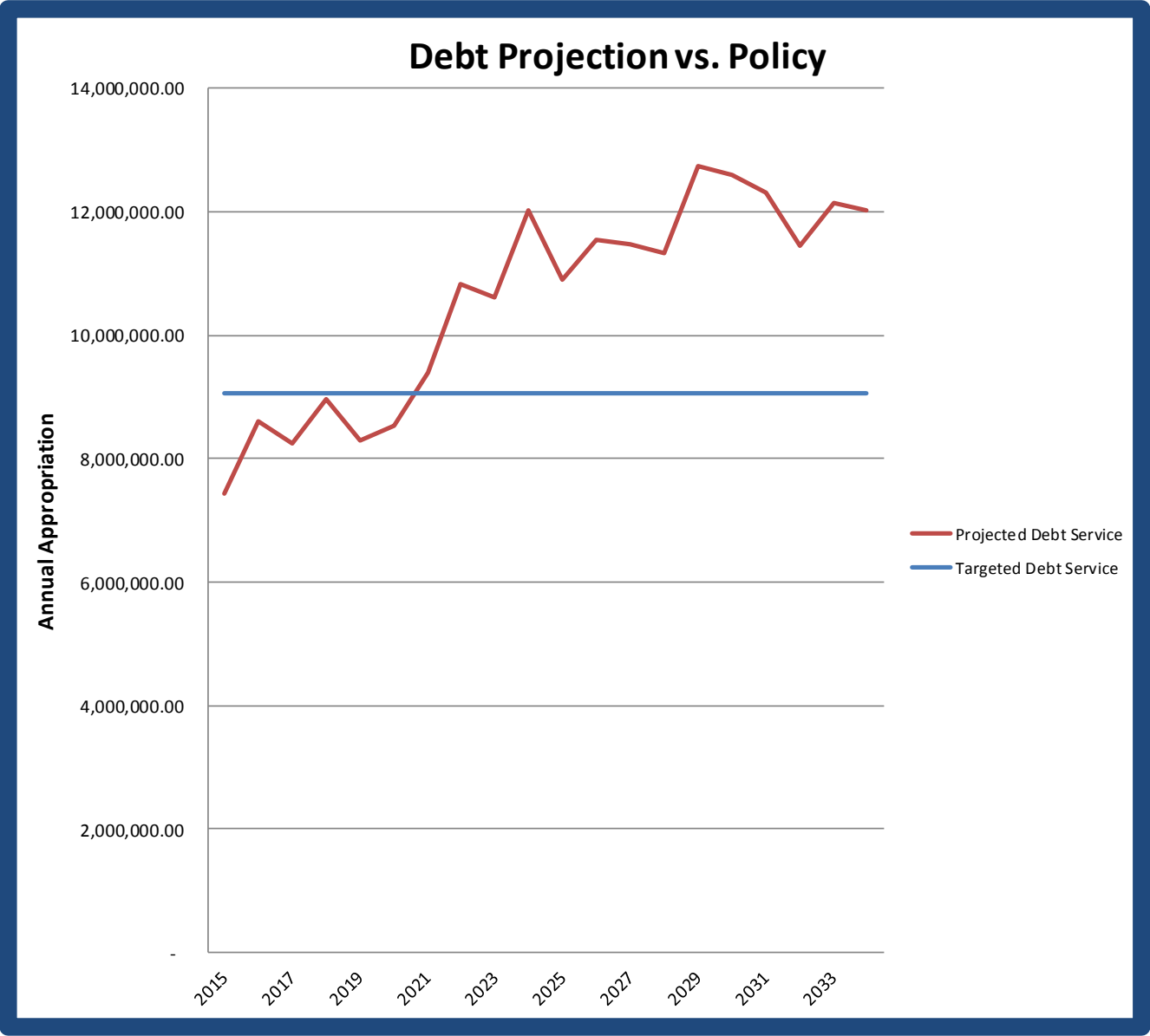
DOR recommends that communities understand the role free cash plays in sustaining a strong credit rating Under sound financial policies, a community would strive to generate free cash in an amount equal to **3-to-5 percent** of its annual budget. (Total Appropriation)

As a non-recurring revenue source, a prudent use of free cash would be to fund one-time expenditures, a capital purpose or to replenish other reserves. If projected as a revenue source to support the ensuing year's operations, the amount used would be restricted to a percentage of total free cash.

However, DOR also recommends that free cash not be available to supplement current year departmental operations. By eliminating the expectation of additional resources later in the fiscal year to back-fill budgets, department heads will produce more accurate and realistic annual appropriation requests.

Fiscal Year 2020 Amended Budget Summary

Department	FY2018 BUDGET	FY2019 BUDGET	FY2020 Amended BUDGET	\$ INC/DEC	% INC/DEC
General Government	\$ 5,091,894	\$ 5,505,266	\$ 5,651,695	\$ 146,429	2.66%
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	2,111,584	33,494	1.61%
Human Services	1,033,072	925,295	937,161	11,866	1.28%
Total Town Departments	34,614,094	35,546,746	36,884,281	1,337,535	3.76%
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	41,667,863	7,668	0.02%
TOTAL	\$ 146,217,303	\$ 150,635,037	\$ 154,067,415	\$ 3,432,378	2.28%
Water Enterprise Fund Budget	\$ 5,986,425	\$ 6,188,894	\$ 6,476,428	\$ 287,534	4.65%
Wastewater Enterprise Fund Budget	\$ 8,509,004	\$ 8,327,388	\$ 8,708,486	\$ 381,098	4.58%
Total Budgets	\$ 160,712,732	\$ 165,151,318	\$ 169,252,328	\$ 4,101,010	2.48%



Town of Billerica

Debt Stabilization Fund Schedule

Fiscal Year	Beginning Balance	Interest	Appropriations		Draw Down		Ending Balance
			Levy	Free Cash	Wastewater	HS Debt Exclusion	
2016	9,094,440	173,191	0	1,800,000	0		11,067,631
2017	11,447,593	161,273	823,277	3,000,000	0		15,432,143
2018	15,423,143		60,434	1,800,000	0	-1,400,000	15,883,577
2019	15,883,577	112,101	766,108	1,800,000	0	-1,625,000	16,936,876
2020	18,283,776	347,392	641,324	1,800,000	0	-950,000	20,122,492
2021	20,122,492	402,450	0	1,800,000	-331,363	-1,160,000	20,833,579
2022	20,833,579	416,672	0	1,800,000	-1,754,875	-1,125,000	20,170,376
2023	20,170,376	403,408	0	1,800,000	-1,544,813	-1,100,000	19,728,970
2024	19,728,970	394,579	0	1,800,000	-2,968,897	-1,060,000	17,894,653
2025	17,894,653	357,893	0	1,800,000	-1,828,705	-1,035,000	17,188,841
2026	17,188,841	343,777	0	1,800,000	-2,478,504	-1,010,000	15,844,113
2027	15,844,113	316,882	0	1,800,000	-2,410,508	-1,035,000	14,515,487
2028	14,515,487	290,310	0	1,800,000	-2,255,383	-1,000,000	13,350,414
2029	13,350,414	267,008	0	1,800,000	-3,672,347	-975,000	10,770,075
2030	10,770,075	215,401	0	1,800,000	-3,524,796	-940,000	8,320,680
2031	8,320,680	166,414	0	1,800,000	-3,234,484	-910,000	6,142,610
2032	6,142,610	122,852	0	1,800,000	-2,375,560	-875,000	4,814,902
2033	4,814,902	96,298	0	1,800,000	-3,083,544	-850,000	2,777,656
2034	2,777,656	55,553	0	2,000,000	-2,959,345	-435,000	1,438,865
2035	1,438,865	28,777	0	1,900,000	-2,938,431	-415,000	14,211
2036	14,211	284	0	1,800,000		-400,000	1,414,495
2037	1,414,495	28,290	0	1,800,000		-375,000	2,867,785
2038	2,867,785	57,356	0	1,800,000		-360,000	4,365,140
2039	4,365,140	87,303	0	1,800,000	0	-335,000	5,917,443
2040	5,917,443	118,349	0	1,800,000	0	-315,000	7,520,792
Totals		4,963,812	2,291,233	56,147,593	-37,361,555	-19,685,000	

*If you had to levy an additional \$800,000 because of a shortage in free cash that would increase the taxes on the average home by approximately \$30.00.

TOWN OF BILLERICA FINANCIAL RECAP FISCAL YEAR 2020 FALL

Page 1

	FINAL BUDGET FY16	FINAL BUDGET FY17	FINAL BUDGET FY18	FINAL BUDGET FY19	FINAL AMENDED BUDGET FY20
<u>USES OF FUNDING (AMOUNTS TO BE RAISED):</u>					
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	142,145,898.65
Water Enterprise Budget	6,186,493.00	6,033,655.51	5,986,507.83	6,188,893.61	6,476,427.50
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	8,708,486.00
TRANSFER	301,747.00				
Spring 2019 ATM Article 4, IAFF Contract					750,000.00
Spring 2019 ATM Article 5, NEPBA A Contract					412,500.00
Spring 2019 ATM Article 6, NEPBA B Contract					337,500.00
Spring 2019 ATM Article 7, School Teachers Contract					735,000.00
Spring 2019 ATM Article 8, School Para Contract					65,000.00
Spring 2019 ATM Article15, IAFF Contract 2020					162,000.00
Spring 2019 ATM Article16, IAFF Fire Alarm Contract 2020					6,400.00
Spring 2019 ATM Article17, IAFF SEIU Contract 2020					83,000.00
Spring 2019 ATM Article19, IUPE Contract 2020					58,000.00
Spring 2019 ATM Article20, Non-Union Salary Adjustment 2020					85,000.00
Spring 2019 ATM Article29, Capital Public Works					510,000.00
Spring 2019 ATM Article30, VI Work					237,000.00
Spring 2019 ATM Article 33, Assessors Appraisal and Consulting					189,429.39
Fall 2019 STM Article 4, Debt Service Appropriation					950,000.00
Fall 2019 STM Article 5, BMEA DPW Contract (2020)					115,000.00
Fall 2019 STM Article 14, School Custodial					43,357.00
Fall 2019 STM Article 15, School Cerical					19,640.00
Fall 2019 STM Article 16, Nashua Road					1,000,000.00
Fall 2019 STM Article 17, Capital Budget					220,055.00
Fall 2019 STM Article 18, School Capital Budget					1,100,000.00
Fall 2019 STM Article 19, Water Conservation Rebate Program					50,000.00
Fall 2019 STM Article 20, Hydrants and Valves					100,000.00
Fall 2019 STM Article 21, Drinking Water Risk and Resiliency					300,000.00
Fall 2019 STM Article 22, PEG Access					90,374.72
Fall 2019 STM Article 23, Capital for Public Works					880,000.00
Fall 2019 STM Article 24, Fund Fox Cemetery Project					3,000,000.00
Fall 2019 STM Article 25, Town Hall Generator					1,000,000.00
Fall 2019 STM Article 30, Debt Stabilization					1,800,000.00
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	172,530,068.27
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	5,015,964.00
TOTAL USES OF FUNDING	159,593,737.76	165,430,808.19	178,343,333.68	184,718,893.03	193,353,300.82

	<u>FINAL BUDGET FY16</u>	<u>FINAL BUDGET FY17</u>	<u>FINAL BUDGET FY18</u>	<u>FINAL BUDGET FY19</u>	<u>FINAL BUDGET FY20</u>
<u>SOURCES OF FUNDING :</u>					
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	2,500,000.00
AMEND PY NEW GROWTH					
TOTAL PROPERTY TAXES	117,139,310.00	123,003,679.00	128,919,297.00	134,931,118.00	140,804,396.00
ADD CPA					
ADD DEBT EXCLUSION	1,867,362.50	1,742,363.00	6,412,498.00	6,655,532.23	6,013,156.73
DOR ROUNDING					
LESS EXCESS LEVY CAPACITY	-9,242,752.00	-9,972,702.00	-12,693,601.00	-16,559,324.45	-16,680,516.53
WATER LEVY	1,986,493.00	1,758,655.51	1,586,507.83	1,388,893.61	1,676,427.50
SEWER LEVY	4,257,795.00	3,921,146.04	4,259,132.00	3,327,388.00	3,208,486.00
GENERAL FUND LEVY	103,519,632.50	109,093,538.45	116,792,554.17	120,311,044.17	125,252,122.70
TOTAL PROPERTY TAXES - ADJUSTED	109,763,920.50	114,773,340.00	122,638,194.00	125,027,325.78	130,137,036.20
<u>SOURCES OF FUNDING (cont):</u>					
<u>STATE ESTIMATED REVENUES:</u>					
CHAPTER 70 - SCHOOL AID	18,620,584.00	18,904,494.00	19,055,514.00	19,202,874.00	19,348,854.00
CHARTER TUITION ASSESSMENT REIMBURSEME	381,146.00	190,893.00	142,880.00	131,271.00	109,710.00
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	140,493.00
PUBLIC LIBRARIES - OFFSET	46,409.00	45,930.00	47,593.00	50,131.00	52,318.00
TOTAL STATE ESTIMATED REVENUES	25,226,959.00	25,461,344.00	25,744,627.00	26,071,975.00	26,388,752.00
<u>LOCAL ESTIMATED REVENUES:</u>					
MOTOR VEHICLE EXCISE	5,400,000.00	5,800,000.00	5,900,000.00	6,300,000.00	6,800,000.00
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	12,709,000.00

	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	5,500,000.00
TOTAL ENTERPRISE REVENUES	8,280,518.00	8,050,000.00	8,600,000.00	9,800,000.00	10,300,000.00
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	237,000.00
WATER CONSERVATION FUND	75,000.00				531,000.00
WATER CONSERVATION FUND May					110,000.00
PREVIOUS WARRANT ARTICLES					
SALE OF LOTS & GRAVES TRUST					195,000.00
DEBT STABILIZATION APPROPRIATION			1,400,000.00	1,625,000.00	950,000.00
DEBT STABILIZATION APPROPRIATION					
FREE CASH	5,080,000.00	3,981,914.00	5,719,000.00	3,874,904.00	7,482,052.00
FREE CASH May				387,453.00	1,505,000.00
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	500,000.00
OVERLAY SURPLUS	450,000.00		1,704,623.00	573,264.87	1,189,429.39
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					
PEG Access Fund					90,374.72
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	13,818,512.11
TOTAL SOURCES OF FUNDING	159,593,738.50	165,430,809.00	178,343,334.00	184,718,892.65	193,353,300.31
PROJECTED SURPLUS (DEFICIT)	0.74	0.81	0.32	(0.38)	(0.51)

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

Date	Source	Article	Appropriation
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
5/30/2018	Overlay Surplus	17	55,265
6/30/2018	Interest		(223,456)
7/31/2018	Interest		112,101
7/31/2018	Interest		171,392
10/2/2018	Levy	3	766,198
10/2/2018	W/D		(1,625,000)
10/2/2018	Free Cash/WWRE		1,800,000
10/2/2018	Interest		821,024

Total	\$17,877,857
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Date		Article	Appropriation
5/1/2018	Levy	3	641,324
10/2/2018	W/D	4	(950,000)
10/2/2018	Free Cash/WWR	30	1,800,000

2018-2019 Appropriations	\$ 1,491,324
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Balance after Fall 2019	\$19,369,181
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Appendix C
Reserve Balances / Free Cash Certification Letter

Reserve Balances as of September 1, 2019

Free Cash General Fund	\$ 7,482,054
Retained Earnings Water	\$ 1,605,093
Retained Earnings Sewer	\$ 2,480,831
Stabilization (town)	\$ 4,927,319
Stabilization (school)	\$ 766,369
Stabilization (debt)	\$ 18,283,776
Land Fund	\$ 570,242
Sale of Lots	\$ 105,727
Sewer Expansion	\$ 1,627,572
Inflow & Infiltration	\$ 219,528
Water Conservation	\$ 627,289
OPEB Trust	\$ 4,006,085

Massachusetts Department of Revenue Division of Local Services

Christopher C. Harding, Commissioner

Sean R. Cronin, Senior Deputy Commissioner of Local Services

9/25/2019

NOTIFICATION OF FREE CASH APPROVAL - Town of Billerica

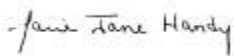
Based upon the un-audited balance sheet submitted, I hereby certify that the amount of available funds or "free cash" as of July 1, 2019 for the Town of Billerica is:

General Fund		\$7,482,054.00
Enterprise Fund	WATER	\$1,605,093.00
Enterprise Fund	SEWER	\$2,480,831.00

This certification is in accordance with the provisions of G. L. Chapter 59, §23, as amended.

Certification letters will be emailed to the mayor/manager, board of selectmen, prudential committee, finance director and treasurer immediately upon approval, provided an email address is reported in DLS' Local Officials Directory. Please forward to other officials as you deem appropriate.

Sincerely,



Mary Jane Handy
Director of Accounts
Massachusetts Department of Revenue

Appendix D
Article 3

Article 3

FY2020 Budget Approved at Spring Town Meeting **\$ 153,934,721**

Account #	Account Name	Amount	%
12530-5200	System Administration	\$ 40,000	
61010-5110	Library Personnel	62,081	
19230-5200	Valley Collaborative	20,000	
71070-7130	General Fund Temp Interest	(21,125)	
71070-7550	General Fund Town Interest	21,125	
71570-7130	Exempt Debt - Temp Interest	201,125	
71570-7571	Exempt Debt - Debt Interest	77,250	
71070-7052	Transfer to Debt Stabilization	(267,762)	

Total Budget Amendments **\$ 132,694**

Amended FY2020 Budget October 2019 **\$ 154,067,415 0.09%**

FY2020 Water Enterprise Budget approved at Spring Town Meeting **\$ 6,276,034**

Account #	Account Name	Amount	%
64070-7130	Water Enterprise - Temp Interest	\$ 64,519	
64070-7550	Water Enterprise - Debt Interest	135,875	

Total Budget Amendments **\$ 200,394**

Amended FY2020 Water Enterprise Budget October 2019 **\$ 6,476,428 3.19%**

FY2020 Wastewater Enterprise Budget Approved at Spring Town Meeting **\$ 8,641,118**

Account #	Account Name	Amount	%
67070-7130	Sewer Enterprise - Temp Interest	\$ (66,507)	
67070-7550	Sewer Enterprise - Debt Interest	133,875	

Total Budget Amendments **\$ 67,368**

Amended FY2020 Wastewater Enterprise Budget October 2019 **\$ 8,708,486 0.78%**

Total Amendments to Budgets **\$ 400,456 0.24%**

Appendix E
Article 5

BMEA UNION CONTRACT HIGHLIGHTS 2020-2022

	BMEA
Source	Coll. Barg. Art. 5
FY2020	2.3%
FY2021	2.3%
FY2022	2.3%
Meal Allowance	Meal Allowance raised by \$1.00 from \$8.00 to \$9.00.
Double-time	This existed previously but clarifying language was added to address definition of 16 consecutive work hours.
Call Time	Increased from \$200 to \$250

Money	\$ 115,000.00
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Give Backs	Sick Language
Give Backs	Clarification of Disciplinary, Promotional and Layoff Language in absence of Civil Service
Give Backs	Mandatory Overtime Language
Give Backs	Seasonal Employee Language

Appendix F
Article 16

ARTICLE 16 NASHUA ROAD

The Town of Billerica is asking for an additional \$1,000,000 to be added to the Capital Infrastructure line item. Currently we appropriate \$500,000. The money will go towards Nashua Road in the First year.

PAVING ROADS ARE \$\$\$

The cost to pave a road in Massachusetts can be very expensive. It cost on average \$1,000,000 to reclaim and pave 1 mile of road.



WHAT WE CURRENTLY SPEND

The Town spends anywhere from 1.5 - 2.5 million dollars annually on road work. This combines Chapter 90 Funding and when sewer work is done.

BILLERICA IS A BIG TOWN

Area wise Billerica is one of the largest Towns in the Commonwealth.

The Town has about 220 miles of paved road in Town. This means that we repave about 1% of our roads every year.



POTHOLE PATROL

The Town received over 500 pothole request within one month of winter ending. This is a yearly occurrence due to the conditions of some roads.

FINANCIAL IMPACT

An additional \$1,000,000 on the levy would be an increase of \$35 a year to the average household. The Town is currently \$16,600,000 under Prop. 2 1/2



Appendix G
Article 17

Work item:	Cost:
<u>Walls & Partitions</u>	
Allowance for new walls	\$ 4,000.00
Allowance for misc. wall patching	\$ 2,500.00
Paint to Hallways	\$ 10,000.00
Paint to Offices (6)	\$ 18,000.00
Paint to Ceilings (office area)	\$ 3,000.00
Paint to Doors/Frames/Elevator & Misc. Areas	\$ 3,000.00
Finish Painting in Basement	\$ 7,000.00

Floor Finishes	
Floor repair allowance	\$ 300.00
Flooring in 2nd floor hallways	\$ 12,000.00
Flooring in 2nd floor offices	\$ 10,000.00
Floor allowance - refinish hardwood (1)	\$ 2,500.00
Vinyl base moulding	\$ 7,500.00
Flooring Demo Allowance	\$ 3,000.00
Ground floor demo & refinish	\$ 56,549.00

Electrical	
Allowance to replace recessed lighting with LED	\$270/ea
Allowance for demo existing lights	x84 lights
Allowance to repair/ add new power feeds	
Allowance to finish ground fl hallway lighting	

Signage	
Room names & Numbers Signs	\$ 2,500.00
Directory	\$ 2,500.00
	\$ 5,000.00

<u>Work Item:</u>	<u>Cost:</u>
<u>Ceilings</u>	
Suspended hallway ceiling (2nd fl) 2700/sq ft	\$ 12,500.00
Suspended office ceiling (2nd fl) 2400/ sq ft	\$ 10,800.00
Repairs to drywall ceilings	\$ 4,000.00
	<u>\$ 27,300.00</u>
<u>HVAC</u>	
No Work outside of maintenance contract allowed	\$ -

Equipment & Furniture	
Work stations/ Desks	\$ 3,000.00
Printer, fax, copier allowance	\$ 1,000.00
monitor/ cabling allowance	\$ 3,000.00
Allowance for data port/ switch	\$12,000.00

<u>Demolition</u>	
Allowance for dumpsters	\$ 2,000.00
	<u>\$ 2,000.00</u>

Miscellaneous Expenses	
Pictures and décor	\$ 3,500.00
Door lock hardware & keys	\$ 1,000.00
Misc hardware	\$ 1,000.00
	\$ 5,500.00

Total Cost for Improvements

Appendix H
Article 19 &20

ARTICLE 19

- Since 2011, total funded for the Rebate Program in previous Town Meeting Articles \$175,000.
- Total of 1,067 rebates have been issued since 2011 (193 dishwashers, 438 toilets and 436 washing machines).

ARTICLE 20

- Continue the Hydrants and Valve Replacement Program
- Will fund the purchase of approximately 50 hydrants and valves.
- Work will be done using Town staff.

Appendix I
Article 21



Article 21

Risk and Resilience Assessment and Emergency Response Plan

- Required by America's Water Infrastructure Act of 2018 (AWIA)
- All water systems (serving >3,300 people) are required to complete:
 - Risk and Resilience Assessments (RRAs) - due June 30, 2021
 - Emergency Response Plans (ERPs) – due December 30, 2021 (or within 6 months of RRA)
- The RRA shall include:
 - The risk from malevolent acts and natural hazards
 - The resilience of pipes, source water, intake, treatment, storage and distribution facilities, electronic, computers and automated systems (cybersecurity)
 - Monitoring practices, financial infrastructure, and operation and maintenance
 - Use, storage and/or handling of chemicals
 - Capital and operational needs for risk and resilience management



Article 21

Risk and Resilience Assessment and Emergency Response Plan - Continued

- The ERP shall incorporate findings of the RRA and include:
 - Strategies and resources to improve the resilience of the system (including physical and cybersecurity)
 - Plans and procedures that can be implemented, and identification of equipment that can be utilized in the event of a malevolent act or natural hazard that threatens the ability of the Town to deliver safe drinking water
 - Actions, procedures and equipment that can obviate or significantly lessen the impact of a malevolent act or natural hazard on public health and the safety and supply of drinking water (including development of alternate sources, relocation of intakes, construction of flood protection barriers, etc.)
 - Strategies to aid in the detection of malevolent acts or natural hazards that threaten the security or resilience of the water system
- Funding (\$300,000) will be used to complete the RRA and ERP as required by regulation



Appendix J
Article 23

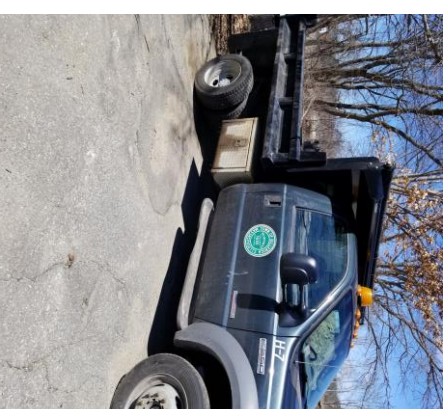
Article 23

- (H38) is 2003 5 Ton Dump with 123,000 miles.
- Was taken off line in early 2019 for not passing safety inspection.
- P41 is a 2001 bucket truck used for tree work
- 2001 international bucket, rotting out, frequent Power and electrical problems



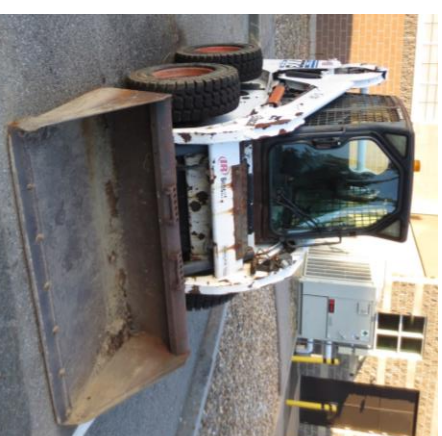
Article 23

- P7 is 2008 F350 Diesel motor 106,000 miles. rotted bed & exhaust system. Frequently at the mechanic shop. It is estimated that it will need \$15-\$20k of mechanical and under carriage work.
- H-7 2005 Ford F550 with 125,000 Miles on it... Rotted and frequently at the mechanics shop.



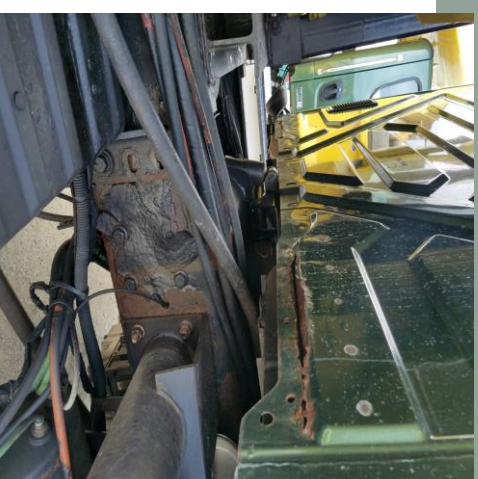
Article 23

- (H38) is 2003 Dump Frequent Repair & safety issues
- Rotted Floor & Cab
- did not pass inspection for safety condition and was also taken off line in 2018.
- W50 – a 2001 Bob Cat 773 model with 2100 hours of operation with frequent repairs



Article 23

- 2002 International Dump with 121,000 miles (H31)
- Was taken off line in early 2019 for not passing safety inspection and frequent break down.
- (H37) is 2002 Dump with 119,000 miles. Frequent Repair & safety issues
- Rotted Floor & Cab
- did not pass inspection for safety condition and was taken off line in 2018.



Appendix K
Article 25



Article 25

Town Hall Generator

Evaluated Options:

Option 1 - Install new generator outside with new main switchboard in existing electrical room with dual incoming feeders. ✓

Estimated Cost - Dual Fuel: \$1,195,000 Nat. Gas: \$1,125,000 Diesel: \$1,017,000

Option 2 - Install new generator outside with new main switchboard in adjoining room near existing electrical room with dual incoming feeders. ✓ alternate

Estimated Cost - Dual Fuel: \$1,227,000 Nat. Gas: \$1,059,000 Diesel: \$1,053,000

Option 3 - Install new generator outside using existing main switchboard with new main circuit breaker and ATS only in an adjoining room near existing electrical room. ✗

Estimated Cost - Dual Fuel: \$1,176,000 Nat. Gas: \$1,105,000 Diesel: \$999,000

Option 4 - Install new generator outside using existing main switchboard with new main circuit breaker and ATS only in existing electrical room. ✗

Estimated Cost - Dual Fuel: \$1,215,000 Nat. Gas: \$1,144,000 Diesel: \$1,036,000



Article 25

Town Hall Generator

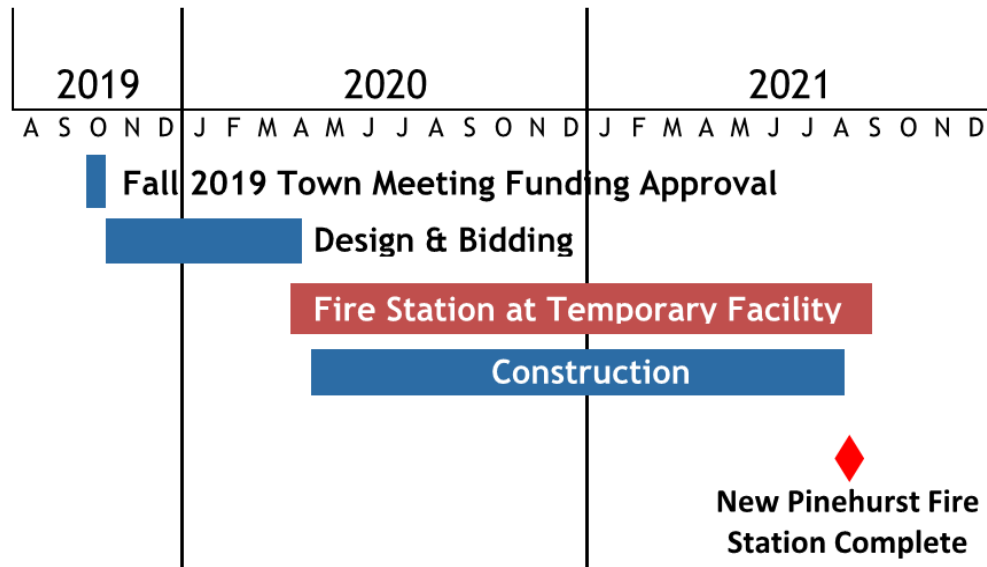
- Existing 100kW diesel generator located inside Town Hall is undersized, aging and a safety concern with the fuel tank and generator located in the basement of Town Hall
- Existing generator only supplies limited power to Town Hall and Police Department
- Existing Town Hall electric panel & switchgear is beyond its useful life and is no longer manufactured
- The Project will remove and replace the existing generator and electrical equipment with a new natural gas generator to power all of Town Hall and the Police Department and new up to date electrical panel
 - New electrical panel and switchgear will be located in Town Hall basement
 - New 400kW generator will be located outside Town Hall, and powered by natural gas with the ability to utilize propane
 - Connection for a portable generator will also be provided should the new generator be unavailable for any reason
- Estimated Project Cost of \$1,300,000 includes bidding, construction, construction administration and inspection service



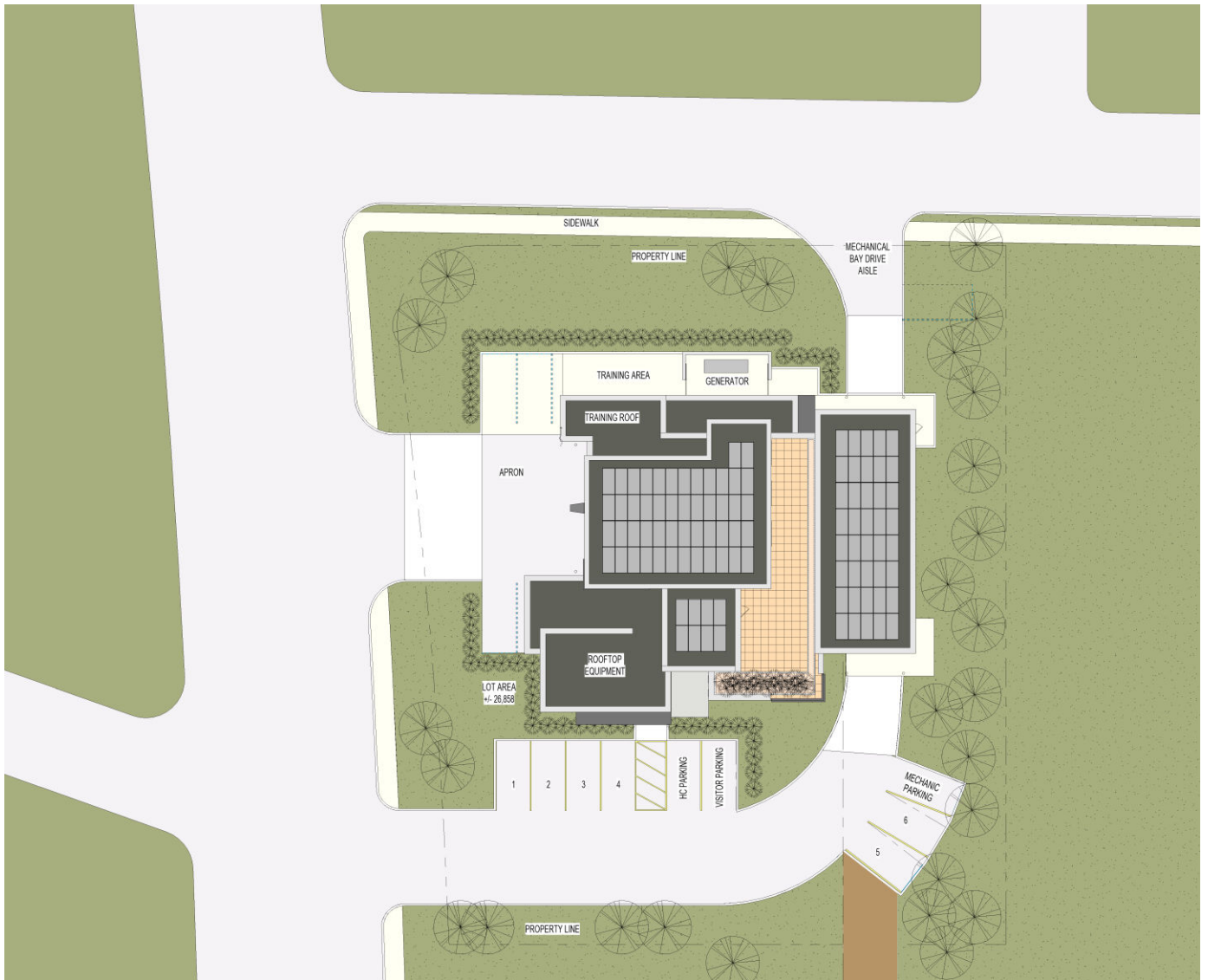
Appendix L
Article 26

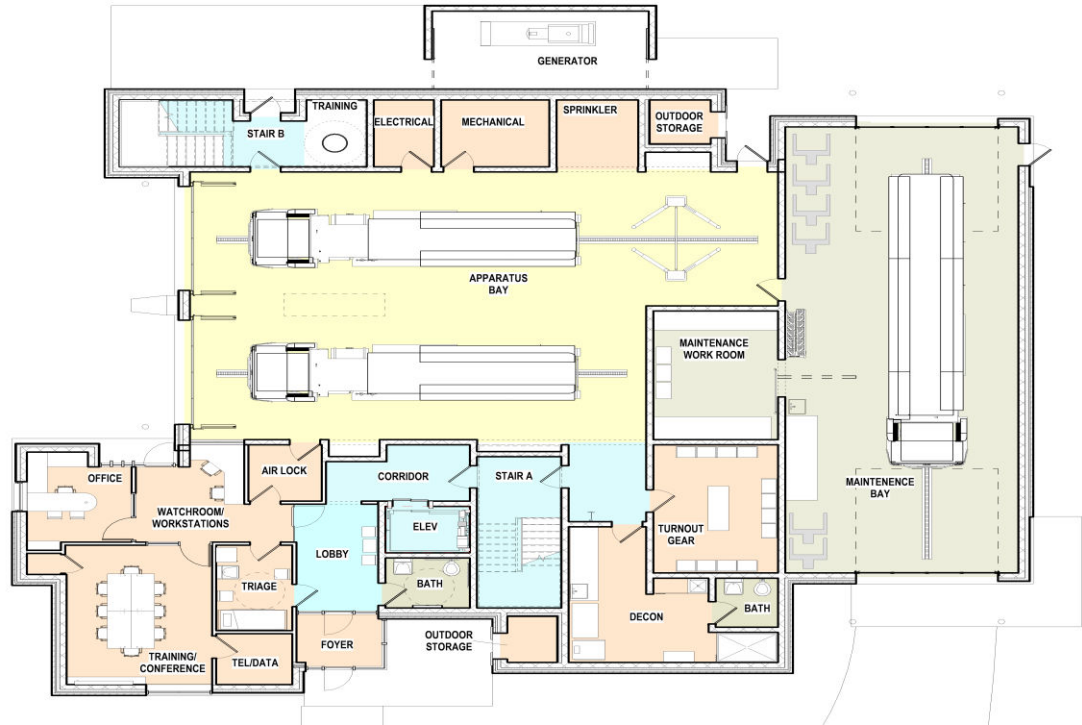


Pinehurst Fire Station Conceptual Project Schedule

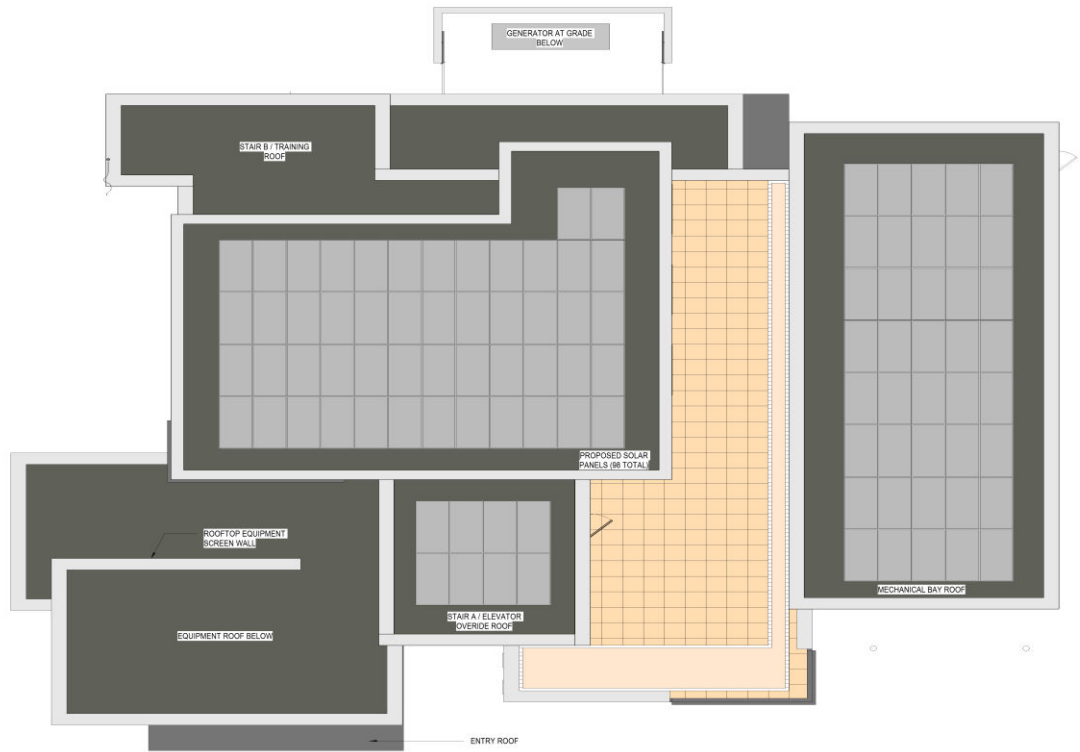


Town of Billerica	
Pinehurst Fire Station Budget	
Design, Management & Administration	\$1,368,716
Construction	\$7,300,125
Temporary Facilities	\$489,040
Miscellaneous Project Costs	\$72,500
Furnishings & Equipment	\$167,500
Contingencies	\$574,782
	\$9,972,664



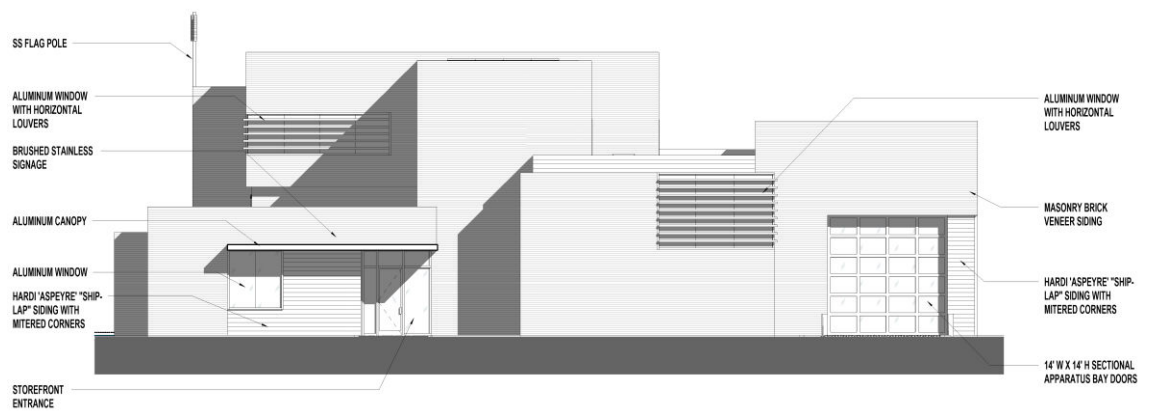






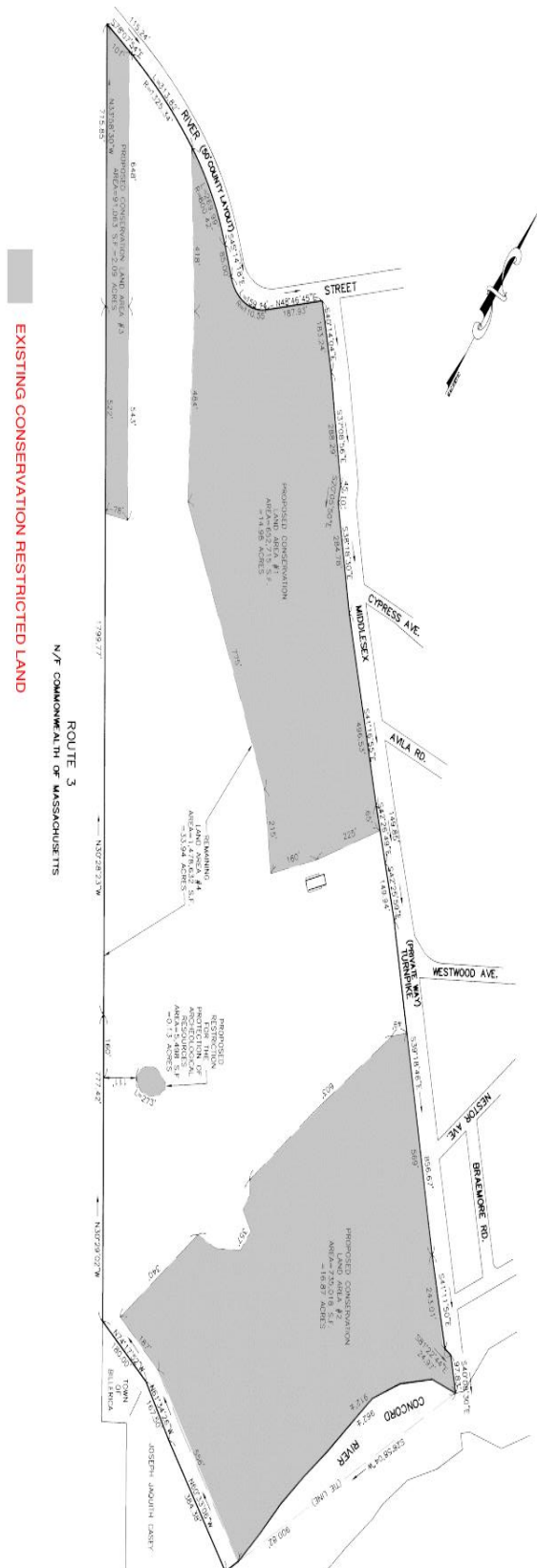
West Elevation





Appendix M
Article 35

Locus Plan



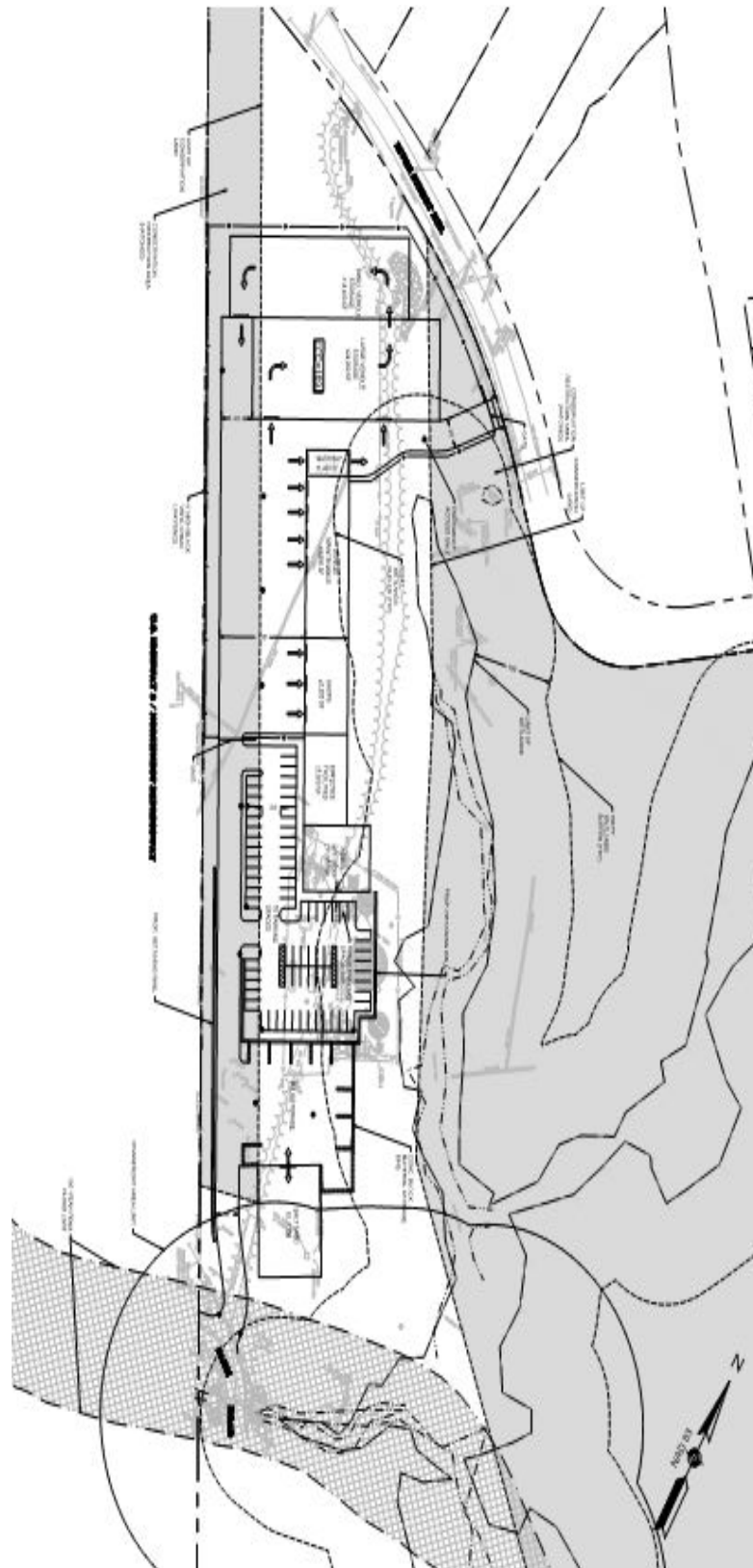


***Proposed
Restriction
Swap***

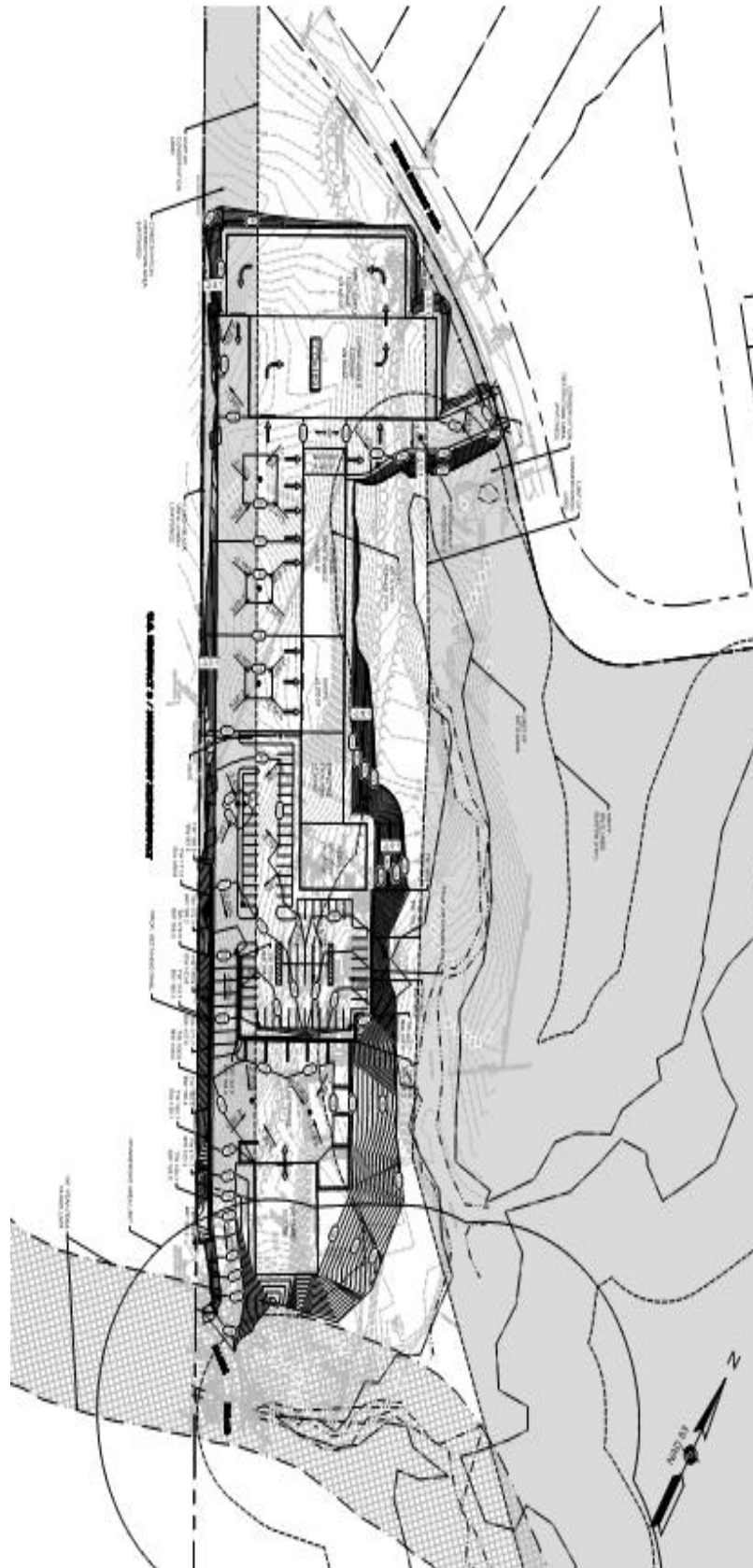


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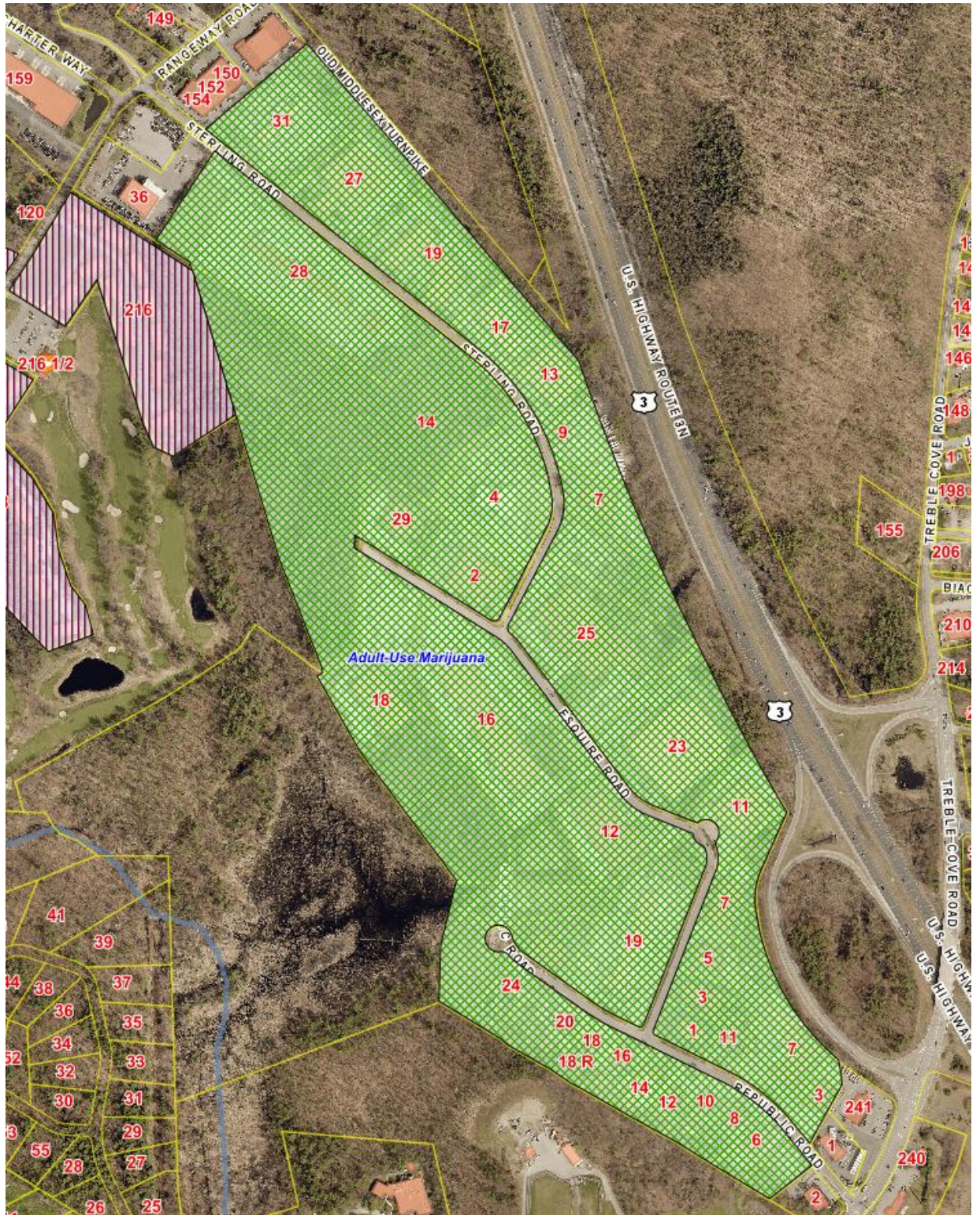
***Wetlands
Conservation
Restriction***



Grading



Appendix N
Article 37



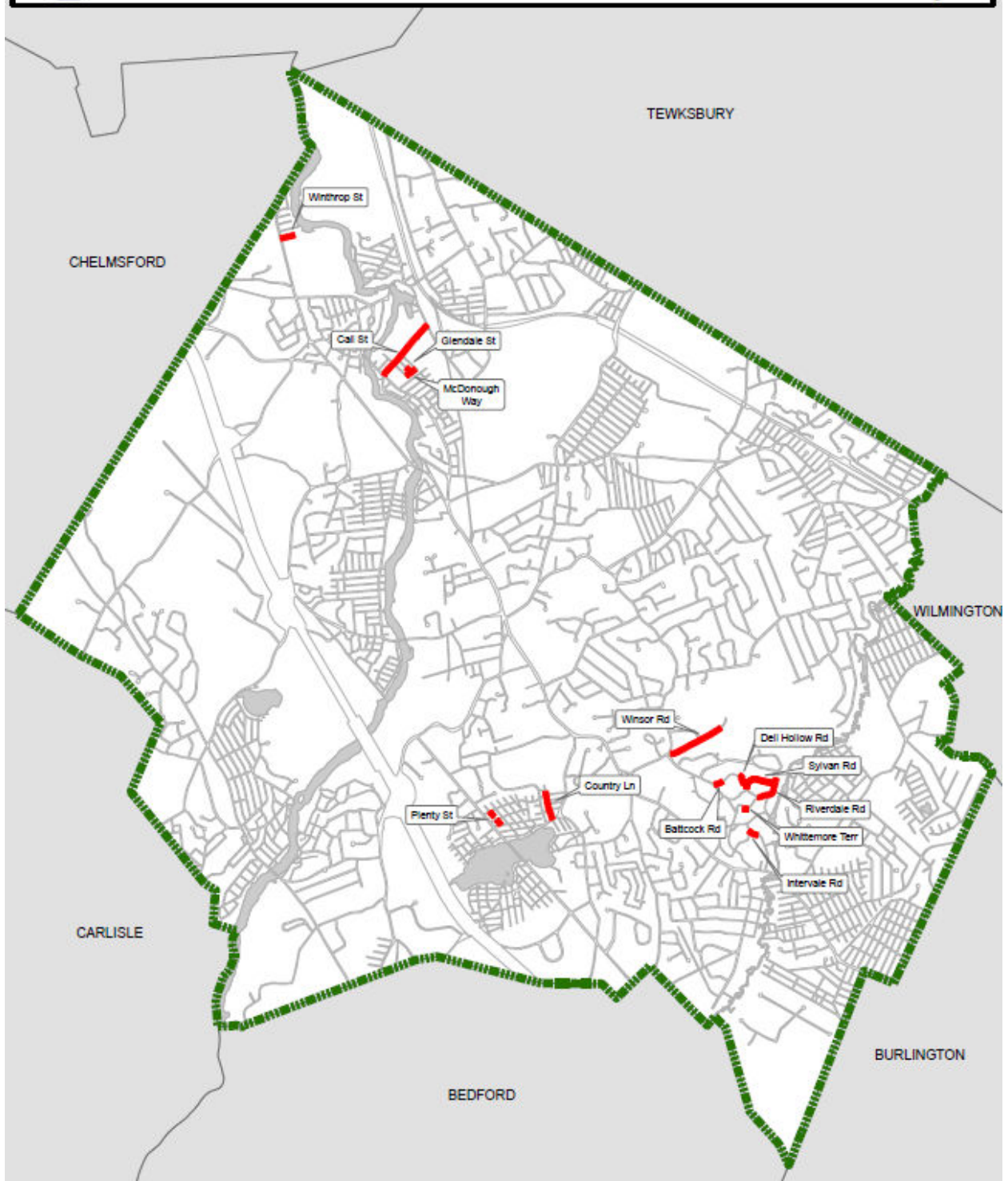
This article would limit the number of marijuana establishments in the zone to two

Appendix O
Article 39



**Article 39 - To Accept Roads as Public Ways
2019 Fall Town Meeting**

1 inch = 4,400 feet



Appendix P
Article 41

Article 41 - Overview

Article 41 – To accept Massachusetts General Law Chapter 138, Section 33B sales of alcoholic beverages by on-premise licensees on Sundays and certain legal holidays; sales between 10:00 am and 12:00 noon.

KEY POINTS

Control

- The Board of Selectmen would still be the licensing authority and has the flexibility to allow or deny an earlier opening request.

Financial

- With the implementation of the meal's tax in Billerica, restaurants that are open earlier can keep residents in town (and attract visitors from surrounding communities) to spend their funds in Billerica adding a financial benefit.

Support for Local Businesses

- There have been restaurants within Billerica that have expressed interest in offering Sunday Brunches to compete with out-of-town establishments that can open earlier.

Surrounding Communities

- Billerica would align with neighboring communities like Burlington, Chelmsford, Woburn, and Lowell where restaurants can request the licensing authority allow them to sell alcohol before noon on Sundays.



Appendix Q

Capital

Revenue Capacity

FY2020 Revenue Summary		
Tax Levy	\$ 130,137,036.20	67%
Local Aid	26,388,752.00	14%
Local Receipts	12,709,000.00	7%
Enterprise Receipts	10,300,000.00	5%
Other Revenue Resources	13,818,512.11	7%
Total Projected Revenue	\$ 193,353,300.31	100%

Table 1

The Town has a Revenue Capacity of approximately \$193 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. 67% of the town's revenue

capacity is generated by the tax levy and 19% from local receipts. 14% of the town revenue comes from state aid. The total FY2020 annual budget including Enterprise Budgets is approximately \$169 Million. Annual Debt Service is \$14.4 Million. This represents 8.5% of the annual budget – DOR Guidelines recommend 10 % or lower.

History of Debt Stabilization

Date	Source	Article	Appropriation	Date	Source	Article	Appropriation
10/4/2011	Free Cash	23	1,373,593	10/4/2016	WW RE	13	1,068,144
6/30/2012	Interest		10,339	5/1/2017	Overlay Surplus	20	1,200,623
10/2/2012	Levy	12	724,588	6/30/2017	Interest		481,609
10/2/2012	Free Cash	23	1,289,321	11/21/2017	W/D	12	(1,400,000)
6/30/2013	Interest		80,692	11/21/2017	Free Cash	23	1,800,000
10/1/2013	Levy	16	908,817	11/21/2017	Levy	11	60,434
10/1/2013	Free Cash	31	753,836	5/30/2018	Overlay Surplus	17	55,265
6/30/2014	Interest		72,634	6/30/2018	Interest		(223,456)
10/7/2014	Free Cash	20	1,102,100	7/31/2018	Interest		112,101
10/7/2014	Overlay Surplus	18	2,720,172	7/31/2018	Interest		171,392
6/30/2015	Interest		175,327	10/2/2018	Levy	3	766,198
10/6/2015	Free Cash	13	1,800,000	10/2/2018	W/D		(1,625,000)
6/30/2016	Interest		311,248	10/2/2018	Free Cash/WWRE		1,800,000
10/4/2016	Levy	12	735,000	10/2/2018	Interest		821,024
10/4/2016	Free Cash	13	731,856				
				Total			\$ 17,877,857
				Date	Article	Appropriation	
				5/1/2018	Levy	3	641,324
				10/2/2018	W/D	4	(950,000)
				10/2/2018	Free Cash/WWRE	30	1,800,000
				2018-2019 Appropriations			\$ 1,491,324
				Balance after Fall 2019			\$ 19,369,181

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

Town of Billerica Debt Stabilization Fund Schedule							
Fiscal Year	Beginning Balance	Interest	Appropriations		Draw Down		Ending Balance
			Levy	Free Cash	Wastewater	HS Debt Exclusion	
2016	9,094,440	173,191	0	1,800,000	0		11,067,631
2017	11,447,593	161,273	823,277	3,000,000	0		15,432,143
2018	15,423,143		60,434	1,800,000	0		15,883,577
2019	15,883,577	112,101	766,108	1,800,000	0		16,936,876
2020	16,283,776	347,392	641,324	1,800,000	0	-950,000	20,122,492
2021	20,122,492	402,450	0	1,800,000	-331,363	-1,100,000	20,833,579
2022	20,833,579	416,672	0	1,800,000	-1,754,875	-1,125,000	20,170,376
2023	20,170,376	403,408	0	1,800,000	-1,544,813	-1,100,000	19,728,970
2024	19,728,970	394,579	0	1,800,000	-2,968,897	-1,060,000	17,894,653
2025	17,894,653	357,893	0	1,800,000	-1,828,705	-1,035,000	17,188,841
2026	17,188,841	343,777	0	1,800,000	-2,478,504	-1,010,000	15,844,113
2027	15,844,113	316,882	0	1,800,000	-2,410,508	-1,035,000	14,515,487
2028	14,515,487	290,310	0	1,800,000	-2,255,383	-1,000,000	13,350,414
2029	13,350,414	267,008	0	1,800,000	-3,672,347	-975,000	10,770,075
2030	10,770,075	215,401	0	1,800,000	-3,524,796	-940,000	8,320,680
2031	8,320,680	166,414	0	1,800,000	-3,234,484	-910,000	6,142,610
2032	6,142,610	122,852	0	1,800,000	-2,375,560	-875,000	4,814,902
2033	4,814,902	96,298	0	1,800,000	-3,083,544	-850,000	2,777,656
2034	2,777,656	55,553	0	2,000,000	-2,959,345	-435,000	1,438,865
2035	1,438,865	28,777	0	1,900,000	-2,938,431	-415,000	14,211
2036	14,211	284	0	1,800,000		-400,000	1,414,495
2037	1,414,495	28,290	0	1,800,000		-375,000	2,867,785
2038	2,867,785	57,356	0	1,800,000		-360,000	4,365,140
2039	4,365,140	87,303	0	1,800,000	0	-335,000	5,917,443
2040	5,917,443	118,349	0	1,800,000	0	-315,000	7,520,792
Totals		4,963,812	2,291,233	56,147,593	-37,361,555	-19,685,000	

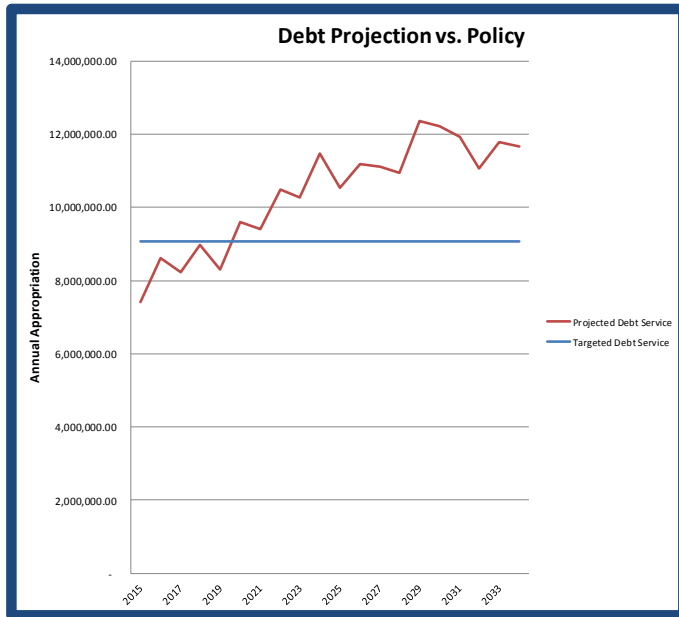
for general debt. The Town will appropriate \$1.425 million from the Debt Stabilization fund to fulfill the policy on excluded debt – which is to ensure that the tax impact on the median household does not exceed \$200 annually. The Graph and Table 3 below project when the Town will need to use stabilization 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

Table 2

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 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 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).

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 Plant 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.

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 gpd 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:

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**

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			150,000		
	PHR Complex	Budget				150,000	
DPW - Wastewater	Replacement Vehicle	Art. 20, STM 2012					
	Sewer Inflow Infiltration 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 Sped 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					
	Replace Backhoe 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 Receivers/Strategic 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				
	Exterior Doors 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		35,000				
	Add fiber security connections VVP, 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		25,000				
	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						
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		45,000				
	Replace 2009 Ford Taurus w/ Explorer	Budget						
Technology	Replace 2002 Ford Explorer	Budget						
	Desk Top Computer upgrade	Budget						
	Upgrade Phone System and Network							
	Infrastructure	Budget						
	E-Mail Server Upgrades	Budget						
Recreation	Printer and other non computer upgrades	Budget						
	Micozzi Beach Paddle Boats	Budget		150,000				
	Vining School	Budget		20,000				
	Manning Park Splash Pad Upgrades	Budget						
	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		74,000				
	Paving Parking Lots	Budget			50,000			
	Nutting Lake Assessment	Budget						
Town Hall	Point Exterior (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, Computer and screen for customer service counter	Budget						
		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		75,000				
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							
Inspectional Services	Elevator technology upgrade	Budget			4,000			
	Vehicle for inspectors							
Projected Total Town Expense				2,321,500	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				1,256,500	588,000	535,000	670,000	70,000

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		625,000			
	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					
	Recreation 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 Neighborhood 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/Coupula	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
Town of Billerica School Department - Long Term Capital Plan FY17 to FY21 See Attached Dore and Whittier Draft								
	BMHS Feasibility Study	Free Cash						
	New High School	Debt Exclusion						
Total Capital Plan				29,421,750	11,925,800	17,200,000	14,975,000	41,500,000

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,

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.

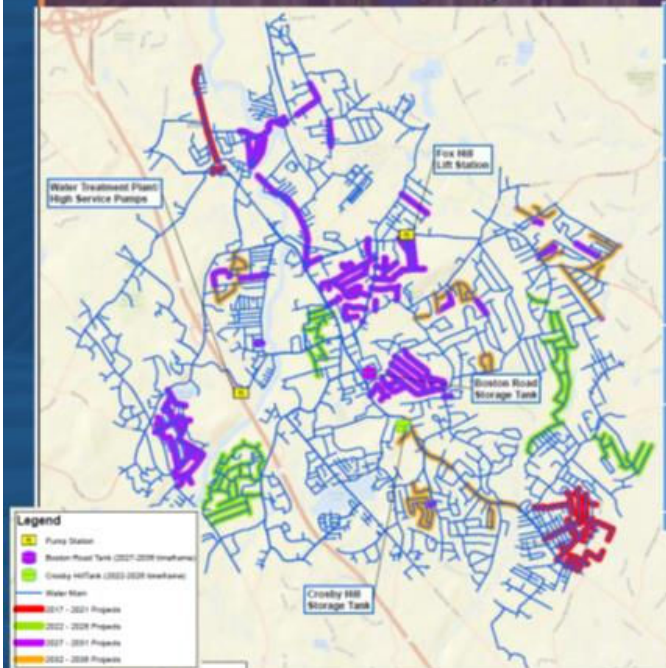
Once the CWMP is completed and all appropriate regulatory, federal, state and local agencies have approved the final recommended plan, construction contracts can be finalized and the work started.

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	II Analysis	\$300,000													\$300,000
3	II Investigation & Rehab. Program	\$100,000	\$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		\$4,895,000		\$1,358,000				\$24,630,000
10	Downstream Sewer Improvements					\$5,491,200						\$9,456,000			\$14,947,200
11	Concord River Interceptor Improvements					\$875,000						\$5,625,000			\$6,600,000
	Subtotal		\$6,114,100	\$9,860,000	\$11,114,000	\$6,566,200	\$5,895,900	\$100,000	\$5,895,000	\$100,000	\$1,458,000	\$16,692,000	\$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	\$54,800,000	\$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	\$52,092,000	\$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	\$160,995,000	\$215,895,000	\$255,596,000	
(1) Program to be developed by II Analysis and supported with funds from the Town's developer II mitigation fund															

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)

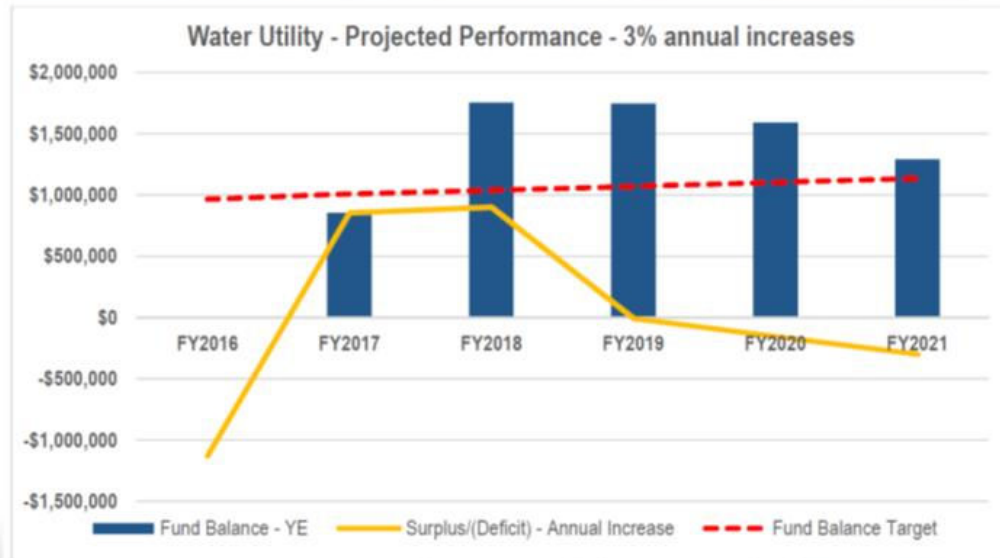


20-Year Capital Improvement Plan – Summary

Project	Preliminary Cost Estimate				Subtotal
	Years 2017-2021	Years 2022-2026	Years 2027-2031	Years 2032-2036	
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	\$79,908,675
Total	\$25,916,025	\$38,386,600	\$26,282,100	\$29,606,250	\$120,190,975



Water Fund Balance – 3% Annual Increases



	FUNDING	PROJECT	ROAD	FROM	TO	Total Cost	
2019							
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 - EASEMENTS	ANDOVER ROAD	AT WHIPPLE ROAD		\$3,500.00	
Chapter 90		ROADWAY MANAGEMENT - EASEMENTS	COOK ST BALDWIN RD	AT PINES RD KIMBROUGH RD	MARGARET LN	\$1,000.00 \$9,900.00	
Local Funds		FROST STREET DRAINAGE DESIGN CONTRACT 2	FROST ST	TOWER FARM RD	PRATT ST	\$25,000.00	
Local Funds		YANKEE DOODLE BIKE PATH 25% TO 75% DESIGN	TOWN WIDE			\$367,000.00	
Local Funds		EXPANSION OF FOX HILL CEMETERY DESIGN	FOX HILL CEMETERY			\$74,000.00	
Eng. Operational Budget		STORMWATER MANAGEMENT PY 1-2	TOWN WIDE			\$163,000.00	
MassDOT		COMPLETE STREETS PRIORITIZATION PLAN DEVELOPMENT	TOWN WIDE			\$35,900.00	
Sewer		SEWER CONTRACT 37/38 (NEEDS AREA 4 & 6) DESIGN	NEEDS AREA 4 & 6			\$2,100,000.00	

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2021

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
Chapter 90	TOWN-WIDE PATCHING	TOWN WIDE			\$50,000.00
Sewer/Ch 90	TOWN-WIDE STRUCTURE REPAIRS	STRUCTURE REPAIRS	TOWN WIDE		\$50,000.00
	TREBLE COVE RD SIDEWALK TO VVP CONSTRUCTION	TREBLE COVE RD-13	VVP	REPUBLIC RD	\$149,013.00
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 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

Total: \$153,724,774.00

2022

DESIGN PROJECTS					
Other	STORMWATER MANAGEMENT	TOWN WIDE			\$60,000.00
CONSTRUCTION PROJECTS					
Chapter 90	ROADWAY MANAGEMENT	TOWN WIDE			\$1,000,000.00
		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
Chapter 90	TOWN-WIDE CRACK SEALING	TOWN WIDE			\$50,000.00
Chapter 90	TOWN-WIDE PATCHING	TOWN WIDE			\$50,000.00
Sewer/Ch 90	TOWN-WIDE STRUCTURE REPAIRS	STRUCTURE REPAIRS	TOWN WIDE		\$50,000.00
State TIP	MIDDLESEX TURNPIKE CONSTRUCTION YR 5	MIDDLESEX TPK	PEARL RD	TOWN LINE	\$35,000,000.00
State TIP	BOSTON RD NORTH CONSTRUCTION	BOSTON RD	RIVER ST	FLOYD ST	\$10,390,825.00

Total: \$96,215,761.00

2023

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
Chapter 90	TOWN-WIDE PATCHING	TOWN WIDE			\$50,000.00
Sewer/Ch 90	TOWN-WIDE STRUCTURE REPAIRS	STRUCTURE REPAIRS	TOWN WIDE		\$50,000.00
State TIP	MIDDLESEX TURNPIKE CONSTRUCTION YR 6	MIDDLESEX TPK	PEARL RD	TOWN LINE	\$35,000,000.00
State TIP	LEXINGTON RD/GLAD VALLEY INTERSECTION CONSTRUCTION	LEXINGTON RD-01	GLAD VALLEY DR	BOSTON RD	\$1,423,312.00
Board of Appeals					\$150,000.00
					Subtotal: \$1,573,312.00
State TIP	YANKEE DOODLE BIKE PATH CONSTRUCTION	TOWN WIDE			\$10,102,215.00
	HOC SEWER PLANT DEMOLITION	OLD HOC SEWER PLANT			\$150,000.00
Total:					\$48,035,527.00

2024

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
Chapter 90	TOWN-WIDE PATCHING	TOWN WIDE			\$50,000.00
Sewer/Ch 90	TOWN-WIDE STRUCTURE REPAIRS	STRUCTURE REPAIRS	TOWN WIDE		\$50,000.00
	ANDOVER RD SIDEWALK	ANDOVER RD-04 ANDOVER RD-05 ANDOVER RD-06 ANDOVER RD-07 ANDOVER RD-08	POND ST BOYNTON LN LALIA LN PONDOVER RD ALLEN RD EXT	BOYNTON LN LALIA LN PONDOVER RD ALLEN RD EXT ALLEN RD	\$76,330.00 \$91,118.00 \$43,149.00 \$69,925.00 \$100,245.00 Subtotal: \$380,767.00
	WHIPPLE RD SIDEWALK	WHIPPLE RD-02	ANDOVER RD	BRITTANY LN	\$125,992.00
	NASHUA RD SIDEWALK	NASHUA RD-06 NASHUA RD-07	SIMONDS FARM RD CINNAMON DR	CINNAMON DR HEMLOCK LN	\$48,857.00 \$53,047.00 Subtotal: \$101,904.00
	CAMPBELL RD SIDEWALK TO PHR	CAMPBELL RD-01	CONCORD RD	DEAD END	\$102,547.00
	ED HAYES WAY SIDEWALK TO PHR	ED HAYES WAY	DEAD END	GLAD VALLEY DR	\$18,343.00
	TREBLE COVE RD SIDEWALK TO VVP CONSTRUCTION	TREBLE COVE RD-04 TREBLE COVE RD-05 TREBLE COVE RD-06 TREBLE COVE RD-07 TREBLE COVE RD-08 TREBLE COVE RD-09 TREBLE COVE RD-10 TREBLE COVE RD-11 TREBLE COVE RD-12	NASHUA RD JUNIPER ST BRANDON ST RIO VISTA ST DRIVEWAY PEQUOT ST GOLDENROD RD UNKNOWN GOLDENROD LN	JUNIPER ST BRANDON ST RIO VISTA ST DRIVEWAY PEQUOT ST GOLDENROD LN UNKNOWN GOLDENROD LN UNKNOWN	\$33,978.00 \$34,844.00 \$29,677.00 \$95,374.00 \$44,940.00 \$84,512.00 \$90,043.00 \$36,671.00 \$32,847.00 Subtotal: \$482,886.00
	OLD ELM / TALBOT SIDEWALK	LOWELL ST-01 OLD ELM ST-07 OLD ELM ST-08 OLD ELM ST-09 OLD ELM ST-10 TALBOT AVE-02 TALBOT AVE-03	OLD ELM ST COLSON ST TALBOT AVE TALBOT AVE WILSON ST CIRCLE CIRCLE	COLSON ST TALBOT AVE TALBOT AVE WILSON ST FAULKNER ST CIRCLE OLD ELM ST	\$115,069.00 \$19,959.00 \$12,757.00 \$32,088.00 \$105,116.00 \$177,266.00 \$120,754.00 Subtotal: \$583,009.00 Total: \$3,005,448.00

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										
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										
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					

Option 3: Reduce										Option 3: Reduce									
Billerica High School	9 thru 12	Renovations	1400	\$	169,260,000	includes PK	Billerica High School	9 thru 12	New	1400	\$	132,031,000	includes PK						
Locke Middle School	6 thru 8	CIP	594	\$	21,644,000		Locke Middle School	6 thru 8	CIP	594	\$	21,644,000							
Marshall Middle School	6 thru 8	CIP/Renov	756	\$	30,369,000		Marshall Middle School	6 thru 8	CIP/Renov	756	\$	30,369,000							
Ditson Elementary School	K thru 5	CIP Only	612	\$	1,705,000		Ditson Elementary School	K thru 5	CIP Only	612	\$	1,705,000							
Dutile Elementary School	K thru 5	Renovations	262	\$	16,486,000		Dutile Elementary School	K thru 5	Renovations	262	\$	16,486,000							
Hajjar Elementary School	K thru 5	Add/Renov	631	\$	35,828,000		Hajjar Elementary School	K thru 5	Add/Renov	631	\$	35,828,000							
Kennedy Elementary School	K thru 5	Add/Renov	495	\$	38,362,000		Kennedy Elementary School	K thru 5	Add/Renov	495	\$	38,362,000							
Parker Elementary School	K thru 5	No Work	500	\$	-		Parker Elementary School	K thru 5	No Work	500	\$	-							
Vining Elementary School	K thru 5	Closed	0	\$	-		Vining Elementary School	K thru 5	Closed	0	\$	-							
			5250							5250									
Hallenborg Hockey Rink				\$	5,954,000		Hallenborg Hockey Rink				\$	5,954,000							
Option 4: Reconfigure										Option 4: Reconfigure									
Billerica High School	8-9/10-12	Add/Renov	1850	\$	178,087,000	includes PK	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		Locke Middle School	5 thru 7	CIP	579	\$	21,644,000							
Marshall Middle School	5 thru 7	CIP/Renov	737	\$	30,369,000		Marshall Middle School	5 thru 7	CIP/Renov	737	\$	30,369,000							
Ditson Elementary School	K thru 4	CIP	590	\$	1,705,000		Ditson Elementary School	K thru 4	CIP	590	\$	1,705,000							
Dutile Elementary School	K thru 4	Renovations	262	\$	16,486,000		Dutile Elementary School	K thru 4	Renovations	262	\$	16,486,000							
Hajjar Elementary School	K thru 4	Renovations	433	\$	26,257,000		Hajjar Elementary School	K thru 4	Renovations	433	\$	26,257,000							
Kennedy Elementary School	K thru 4	Add/Renov	300	\$	20,625,000		Kennedy Elementary School	K thru 4	Add/Renov	300	\$	20,625,000							
Parker Elementary School	K thru 4	No Work	500	\$	-		Parker Elementary School	K thru 4	No Work	500	\$	-							
Vining Elementary School	K thru 4	Closed	0	\$	-		Vining Elementary School	K thru 4	Closed	0	\$	-							
			5251							5251									
Hallenborg Hockey Rink				\$	5,954,000		Hallenborg Hockey Rink				\$	5,954,000							
Option 5: Relocate (New HS built on Locke MS site)										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	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	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		Marshall Middle School	5 thru 7	CIP/Renov	722	\$	30,369,000							
Ditson Elementary School	K thru 4	CIP	590	\$	1,705,000		Ditson Elementary School	K thru 4	CIP	590	\$	1,705,000							
Dutile Elementary School	K thru 4	Renovations	262	\$	16,486,000		Dutile Elementary School	K thru 4	Renovations	262	\$	16,486,000							
Hajjar Elementary School	K thru 4	Renovations	433	\$	26,257,000		Hajjar Elementary School	K thru 4	Renovations	433	\$	26,257,000							
Kennedy Elementary School	K thru 4	Renovations	300	\$	20,625,000		Kennedy Elementary School	K thru 4	Renovations	300	\$	20,625,000							
Parker Elementary School	K thru 4	No Work	500	\$	-		Parker Elementary School	K thru 4	No Work	500	\$	-							
Vining Elementary School	K thru 4	Closed	0	\$	-		Vining Elementary School	K thru 4	Closed	0	\$	-							
			5251							5251									
Hallenborg Hockey Rink				\$	5,954,000		Hallenborg Hockey Rink				\$	5,954,000							