

Holliston, Massachusetts

Annual Report

of the

**FINANCE
COMMITTEE**

Fiscal Year

Beginning July 1, 2014 and ending June 30, 2015

**Town Meeting
May 5, 2014**

Rank of Motion in Order of Precedence	Town Meeting Motions or Points	Second Required	Debatable	Amendable	Vote Required	May Reconsider	May Interrupt Debate to make a Motion
1	Adjourn to a fixed time or recess	Yes	Yes	Yes	Majority	No	No
2	Point of no quorum	No	No	No	None	No	Yes
3	Fix time and date to which to adjourn	Yes	Yes	Yes	Majority	Yes	No
4	Point of personal privilege	No	No	No	None	No	Yes
5	Reconsideration (see s. 15)	Yes	Yes	No	Majority	No	Yes
6	Lay on the table	Yes	Yes	No	Majority	Yes	No
7	Move the question (see s. 14)	Yes	No	No	Majority	No	No
8	Extend the speaker's time (see s.11)	Yes	No	No	2/3	No	No
9	Postpone an article to a time certain	Yes	Yes	Yes	Majority	Yes	No
10	Commit or refer a matter	Yes	Yes	Yes	Majority	Yes	No
11	Amend (not amendable more than twice)	Yes	Yes	Yes	Majority	Yes	No
12	Postpone indefinitely (if not main motion)	Yes	Yes	No	Majority	Yes	No
None	Main Motion	Yes	Yes	Yes	Variable	Yes	No
None	Take from the table	Yes	No	No	Majority	No	No
None	Advance an article from order in Warrant	Yes	Yes	Yes	2/3	No	No
*	Point of order or procedural information	No	No	No	None	No	Yes
*	Appeal ruling of Moderator	Yes	Yes	No	3/4	No	Yes
*	Divide a question	Yes	Yes	Yes	Majority	Yes	No

* Same rank as motion out of which it arises.

Length of Speeches Except in the discretion of the Moderator, no person shall speak more than two times or more than a total of fifteen (15) minutes upon any question without obtaining leave of the meeting unless to correct an error or answer a question.

Moving the Question A motion to move the question need not be recognized by the Moderator unless the Moderator is satisfied that various views on the subject have had an opportunity to be heard. A motion to move the question shall not be made by the last speaker on the question under debate.

Reconsideration Any voter may make a motion to reconsider. No vote shall be reconsidered unless the motion to reconsider is made at the same session and within one-half hour of the original vote. No question shall be twice reconsidered except by a two-thirds (2/3) vote of the voters present and voting. If a motion to reconsider passes, the subject question must be voted upon at the same session as the original vote.

TABLE OF CONTENTS

Town Meeting Motions and Points	Inside front cover
Message to the Citizens of Holliston	1
Explanation of Terms	5
About Proposition 2 1/2	7
About the Finance Committee	7
Warrant for Annual Town Meeting	8
Omnibus Budget	20
Revenue Budget	27
Allocation of FY13 Omnibus Budget	28
FY13 Wage and Benefit Detail	29
Reserve Fund Detail	30
Revolving Account Activity	31
Capital Improvement Program	32
Financial Tables	34
Maps for Articles 25, 32 and 33	39
Stretch Energy Code	42
Citizen Volunteer Form	70
Emergency Notification	70

NOTES

To the Citizens of Holliston:

The Finance Committee submits this warrant for your consideration of the FY15 Omnibus Budget and associated articles.

Financial Overview

This report is based on current revenue and expense projections and a balanced understanding of Holliston's Town services. As the start of FY15 approaches, the economy is improving but at a very measured pace. More importantly, both the state and federal governments continue to underfund both general local aid and statutory mandates. This continues to put an increasing burden on local revenue and forces the Finance Committee to make some difficult recommendations since we must develop a balanced budget. In order to give the Finance Committee maximum flexibility, for FY15 budgeting the Committee utilized the latest local aid recommendation from the House Ways and Means Committee, which is consistent with an earlier joint resolution passed by both houses of the state legislature.

The Finance Committee continues to focus on fiscal discipline and a series of fiscal objectives:

1. Address the town's future benefit liabilities (pensions, health care, etc.).
2. Encourage cost effective management while maintaining the quality and level of services that the Town's residents expect, with a focus on fiscal sustainability.
3. Build the Town's overall reserves (the sum of the stabilization fund and free cash) at a level equal to or slightly exceeding 8% of the annual budget appropriation. This is a change to our prior reserve strategy and is driven by new standard financial guidelines from the credit rating agencies. This level is considered strong by their definition.
4. Address ongoing capital needs (which requires the development of a comprehensive capital plan, a high priority of the Committee).

Over the last several years the Finance Committee has taken several steps forward in each of these areas. There is now an annual appropriation for capital expenditures (\$625,000 for FY15) included in the budgeting process to insure that capital needs can be at least partially addressed. Although the Town's reserves fall short of the new 8% target, we continue to grow our reserves as a factor that was considered when Holliston's bond rating was raised two levels in FY14. Last year, we began a multi-year process to fully address Holliston's Other Post-Employment Benefits (OPEB) liability by setting aside a total of \$1,500,000 annually, an amount that will fully fund our liability in just under 30 years according to the latest actuarial data. Although there is still more work to do, things are moving in a direction that should significantly improve Holliston's fiscal health over the coming years.

At the start of the budget process, the Finance Committee, with the help of the Town Administrator, reviewed the fiscal picture at the state level and determined that it is likely that Holliston will be receiving the same amount in local aid for FY15 as we initially received in FY14. With this backdrop, the Finance Committee set a budget guideline of 1.5% for each department, with salaries not to increase more than 1%. Over the past five months the Committee has met with all Town departments and committees to consider how to best allocate our limited resources. We have worked with the departments and committees to understand how to respond to service needs. We have updated our revenue modeling based on the latest information to give us the most accurate fiscal picture we could have heading into Town

Meeting. The Omnibus Budget recommendations in Article 14 reflect implementation of the funding guideline with limited exceptions.

The comprehensive Compensation and Benefits study authorized in FY12 was received and reviewed by the Finance Committee; following this review the Finance Committee sent its recommendations to the Board of Selectmen. During March and April, the Board of Selectmen approached the Finance Committee with a plan for compensation adjustments for employees covered by the Town's job classification and wage table by-laws. The Finance Committee approved these adjustments (totaling approximately \$90,000) and has included them in the recommended FY15 budgets; as a result a number of budgets are slightly above guideline, even though the budget presented to the Finance Committee met the guideline. The new job classification and wage tables are reflected in Articles 4 and 5.

The Finance Committee also recognizes that it is sometimes difficult to digest all the fiscal information presented in this warrant, and that many citizens would like to understand more of the financial details prior to Town Meeting. For this reason, members of the Finance Committee will be holding "office hours" in the time leading up to Town Meeting to give the community the opportunity to gather information prior to Town Meeting. It is our hope that these sessions will allow Town Meeting to proceed more efficiently than it has in the past.

As always, we welcome and encourage public attendance at our meetings. Our meetings (weekly during the budget season) are televised on HCAT whenever possible and are available on-demand through the HCAT web site www.hcattv.org. We also have a web page on the Town's new web site; look for "Finance" under "Boards and Committees."

Capital Reserve/Stabilization/OPEB Trust Funds

The Finance Committee, in Article 18, is recommending an appropriation of \$625,000 to the Capital Reserve to meet the Town's ongoing capital needs. This year the recommended appropriation has been raised to \$625,000 due to initial projections that show an increased need for capital equipment replacement. The recommendation for Article 19 is the long-term liability set-aside discussed above; the special trust legislation voted under Article 10 of the warrant for the October 29, 2012 Special Town Meeting was approved by the legislature and was signed into law on December 31, 2013. The recommended addition to the trust represents the \$1,500,000 annual appropriation plus the accumulated monies that had been "parked" in the Stabilization Fund pending action on our special legislation. At this time the Finance Committee is not recommending any addition to the stabilization fund.

Capital Budget Highlights

The Finance Committee is currently reviewing a small number of capital requests and will make a recommendation on any capital expenditures at Town Meeting. Only time-sensitive requests are being considered; any other capital purchases will be addressed at the October Town Meeting.

The Finance Committee is indebted to the many dedicated and talented Town employees whose efforts make this process and report possible. We would like to commend the committees and departments for their spirit of cooperation in formulating this budget. Their continued efforts on

behalf of the town are appreciated.

Respectfully submitted,

HOLLISTON FINANCE COMMITTEE

Kenneth S. Szajda, Chair

Michelle F. Zeamer, Vice-Chair

Charles M. Kaslow, Clerk

Brendan T. Shea

Daniel G. Alfred

William F. Dowd

Elizabeth Liberty

Revenue Planning

The Finance Committee annually reviews and analyzes historical revenue and expense information through the current fiscal year and attempts to project out over the next three to five years. Certain basic assumptions are used in this process:

- real estate tax revenues will increase at the rate of 2.5% per year;
- revenue from new growth will further increase real estate tax revenues at the rate of approximately 1% to 2% per year (or less, depending on ongoing monitoring of construction activity); and
- State aid revenue will remain unchanged in many categories and the total of all State aid will be adjusted upward or downward based on economic analysis and guidance from state leaders.

In fact, general State aid decreased by 1.5% overall from FY02 to FY14. We built our budget assumptions for FY15 on no change in State aid. New growth, as determined by the Board of Assessors, has been variable over the last decade with an overall decrease of 37.5% from FY02 to FY14. We have estimated new growth for FY15 at \$325,000, which was the low water mark for new growth in FY10 and FY11.

Each year, the Committee also reviews projected available revenues from restricted funds such as water surplus, ambulance fees and the Capital Expenditure Fund. Water surplus funds are available to cover capital projects specific to the water distribution system. Ambulance fee revenues are available to cover the costs of providing ambulance services and replacing ambulance vehicles. The Capital Expenditure Fund can be used for capital projects, acquisitions and improvements in general.

The use of the projected revenues to support expenditures was then based on a few general assumptions:

- employee benefits will increase an aggregate of 8%, primarily due to health insurance and retirement system increases;
- at least \$650,000 will be dedicated to capital projects;
- current and proposed debt is fully funded; and
- at least \$1.5 million will be set aside for OPEB obligations.

This is a basic framework within which we began the annual budget deliberation process.

FY15 Budget Requests

We issued an initial guideline for departmental budget requests suggesting an overall 1.5% increase in expenses from FY14 to FY15. Departments were also asked to identify any changes for FY15 in the schedule of capital projects which was originally developed in 1994 and has been updated annually since then.

The Finance Committee reviewed the various capital and operating requests with the individual departments from January through April. Our specific budget recommendations appear in the column headed *Recommended Fiscal Year 2015* in the Omnibus Budget. Our recommendations concerning special article appropriations appear after each of the articles.

The following is a summary of our omnibus budget recommendations.

Operating Budget Comparison, FY14 to FY15			
	FY14	FY15	% Change
General Government	1,925,813	2,029,101	5.36
Culture & Recreation	818,832	880,289	7.51
Pensions & Benefits	5,940,969	6,391,061	7.58
Solid Waste	1,055,320	1,063,762	.80
Debt Service	5,617,564	5,583,261	- .61
Public Safety	3,725,364	3,875,993	4.04
Local Schools	29,556,396	29,999,742	1.50
Keefe Technical School	617,396	762,815	23.55
Public Works	1,743,841	1,760,382	.95
Water Department	2,507,730	2,277,937	-9.16

General Government

This category includes a wage and salary adjustment of \$41,535 for the 31 positions in these departments. The adjustment was recommended by the Selectmen as an outcome of the Stone Consulting Compensation and Benefits Study. The Elections budget shows an increase of \$13,496 due to an increase in the number of elections during the upcoming year. The Public Buildings budget includes an increase of \$26,255 primarily due to increased expense for technology to support the operations of all Town departments. General Government includes Selectmen, Finance Committee, Town Accountant, Board of Assessors, Treasurer/Collector, Other Financial Administration, Technology, Town Clerk, Elections, Conservation Commission, Planning Board, Zoning Board of Appeals, Public Buildings, Board of Health and Veterans Services.

Culture and Recreation

The wage and salary adjustment for this category of Council on Aging, Youth and Family Services, Library and Parks is \$29,812 for the 22 positions in these departments.

Pensions and Benefits

The group health insurance portion of this budget shows a 7% increase and the retirement portion of the budget shows a 7.6% increase. The Pensions and Benefits area also includes retirement, Medicare expenses, unemployment benefits, disability insurance, life insurance, workers' compensation, unemployment benefits and sick leave reserves.

Public Safety

Public Safety includes Police, Auxiliary Police, Fire, Building Inspection, Sealer of Weights and Measures, Emergency Management, Animal Control and Ambulance. The Ambulance budget is funded from the income generated by ambulance fees. The intent of the ambulance billing system has always been to provide a fund for defraying the expense of replacing ambulance vehicles and for offsetting expenses associated with the ambulance service. The Police budget includes a 4% increase that reflects staffing changes. The Ambulance budget includes its share of the OPEB obligations.

Debt Service

The decrease in the recommended debt service budget for FY15 reflects the refinancing of some of the Town's long term debt. Reimbursements from the State for more than 60% of the school building project started during FY01 for the Elementary school portion and in FY05 for the High School and Middle School. These reimbursements for FY15 are at \$2,260,046 against the school debt service obligation of \$4,116,126.

Schools

The local school budget recommendation is at guideline. The School Committee is forming a broad based task force to develop a plan for implementing free full day kindergarten in 2016. The budget amount for Keefe Technical School is based on an increase in enrollment from Holliston.

Public Works

All budgets in the Public Works category are at or below guideline. This category includes Highway, Snow & Ice, Street Lighting, Wastewater Treatment and Motor Vehicle Fuels.

Water Department

The entire cost of the Water Department budget is offset by contributions to the Town's general fund from water system revenues. Our recommendation for FY15 is based on information from both the Board of Water Commissioners and the Board of Selectmen as they are in the process of preparing for the new Department of Public Works structure and for the Water Enterprise accounting system.

EXPLANATION OF TERMS

The following terms are frequently used in Finance Committee Reports, and during Annual and Special Town Meetings. These definitions are provided in order to give everyone a better

understanding of these terms.

Capital Expenditure Fund ó an account created by a special act of the legislature allowing Holliston to set aside funds in reserve for capital expenditures. As of March 31, 2014, the balance was \$1,703,427 (see page 37).

Community Preservation Fund ó a fund generated by a 1.5% surcharge on real estate taxes, after allowable deductions, and matching grants from the state. This fund is administered by the Community Preservation Committee for the purpose of preserving and expanding community assets in open space, historic resources, recreational land and community housing. As of March 22, 2014, the undesignated Community Preservation Fund balance was \$864,948.

Conservation Fund ó a fund managed by the Conservation Commission which can be used to purchase property or interests in property for conservation purposes or to prepare plans or studies. As of March 31, 2014, the Conservation Fund balance was \$15,561.

Free Cash ó a fund certified annually by the Massachusetts Department of Revenue by deducting from surplus revenue all uncollected taxes for prior years. As of March 31, 2014, the Town's free cash was \$0 (see page 36).

Golf Course Capital Account ó funds realized from the operations at the golf course are placed into this account for future improvements after obligations for debt service and contributions to the General Fund are met. As of March 31, 2014, the unencumbered balance in the Golf Course Capital Account was \$3,880.

Open Space Acquisition Fund ó this fund was created by the Town for the purpose of funding acquisitions of property to be preserved as open space. The balance in this fund was \$13,174 as of March 31, 2014.

Overlay ó the amount annually raised by the Assessors in excess of appropriations and other charges for the purpose of creating a fund to cover abatements granted and to avoid fractions in the tax rate. As of March 31, 2014, the balance in the FY14 Overlay was \$168,044 (see page 38).

Overlay Reserve ó the accumulated amount of Overlay for various years not used or required to be held in the specific Overlay accounts for a given year, and which may be used by a vote of the Town for any lawful purpose. As of March 31, 2014, the Overlay Reserve balance was \$0.

Reserve Fund ó this fund is established by the voters at the Annual Town Meeting and may be composed of (1) an appropriation not exceeding 5% of the tax levy of the preceding year; or (2) money transferred from the Overlay Reserve. Transfers from the Reserve Fund are within the exclusive control of the Finance Committee. The purpose of the Reserve Fund is to fund extraordinary and unforeseen items. It is not intended as a supplement to departmental budgets. The Reserve Fund balance as of April 20, 2013, was \$191,811 (see page 30).

Revolving Funds ó these are raised primarily by the School and Park departments, and are kept separate from all other funds received by the Town. Such funds are kept under exclusive control (by state statute) of the receiving department, and are expended without further appropriation by the Town. Please see page 31 for a breakdown of the funds.

Stabilization Fund ó a special account created originally to provide a reserve for capital expenditures but recently changed by State law to allow its use for any purpose. As of March 31, 2014, the Stabilization Fund balance was \$5,787,187 (see page 37).

Water Surplus ó Water Surplus is comprised of water department revenue, realized from fees, found to be in excess of operating costs. Use of these funds is limited to water capital projects and water system development. Water Surplus was \$147,897 as of March 31, 2014.

ABOUT PROPOSITION 21/2

Proposition 21/2 contains two separate, distinct levy limits. The first limits the tax levy to 2.5% of the full and fair valuation of the Town each year. The second levy limit confines the annual increase in levy authority to 2.5% of the prior year's authorized levy with new growth added. Proposition 21/2 allows overrides to expand the annual increase in levy authority by more than 2.5% in a given year. The law does not allow an expansion of the overall levy limit of 2.5% of the Town's valuation except by vote of the Town Election for past or future debt and one-time capital exclusions.

ABOUT THE FINANCE COMMITTEE

The Finance Committee is an elected body, consisting of seven members. Its responsibilities, functions, and organization are defined in Article IV of the Town's General By-laws. The ultimate authority governing the conduct of the Committee is derived from Chapter 39 of the General Laws of the Commonwealth. Section 16 of Chapter 39 sets forth the role of the Committee. According to Chapter 39, the Committee shall consider any or all municipal questions for the purpose of making budgets, recommendations and/or reports to the Town at all town meetings.

Each department furnishes the Finance Committee with detailed estimates of expenses for the ensuing year. After consideration, the Finance Committee determines the amounts which, in their opinion, should be appropriated, and submits its recommendations, with such explanations and suggestions as they may deem desirable, to the citizens of the Town. Final appropriation is made by an action of town meeting.

The Finance Committee controls the Reserve Fund and may, from time to time, make transfers from this fund to other accounts by vote of the Committee.

In addition to its own meetings, the Finance Committee is present at all town meetings, and, when requested or necessary, the Committee or individual members attend meetings of other Town boards, committees or departments.

The following is the text of Article IV of the Holliston General By-laws describing the duties and responsibilities of the Finance Committee:

Section 1. The town shall have a Finance Committee, consisting of seven members, elected for a term of three years each, and so elected that the term of no more than three nor less than two shall expire in any one year.

Section 2. No person holding any other elected or appointed office and no person employed by the town, other than those who serve on the part-time call Fire Department, shall be eligible to serve as a member of the Finance Committee, except that, any member of the Finance Committee, who holds another appointed office on the effective date of this amendment shall be allowed to continue in such appointed office for so long as he or she remains a member of the Finance Committee. Any person so exempt must abstain from any decisions or vote of said Committee, regarding the Fire Department, and also refrain from any action which will or appear to create a conflict of interest.

Section 3. The Finance Committee shall consider any and all municipal questions for the purpose of making reports or recommendations to the town, including but not limited to matters relating to the appropriation, the borrowing and the expenditure of money, municipal debt, property valuations and assessments, and the administration of the town offices and departments.

Section 4. The various town boards, officers and committees involved with the expenditure of money shall, on or before a date specified by the Finance Committee, prepare detailed estimates of the amounts deemed by them necessary for the administration of their respective offices and departments for the ensuing fiscal year, with explanatory statements of the reasons for any changes from the amounts appropriated for the same purpose in the preceding year.

Section 5. All officers, boards, or committees of the town, elected or appointed shall on request, furnish to the Finance Committee or to any delegated member or authorized agent thereof, any desired financial information about town affairs and town funds under their control.

Section 6. The Finance Committee shall submit, at least seven days prior to any town meeting, a printed report of its recommendations to the voters including a copy of the warrant and an explanation of its recommendations. The report submitted prior to the annual town meeting shall also contain an appropriate form which would encourage citizen participation in town boards and committees. No appropriation shall be made until a report thereon has been received from the Finance Committee.

ANNUAL TOWN MEETING

Commonwealth of Massachusetts

Middlesex, ss.

Town of Holliston

To any Constable of the Town of Holliston, Greetings:

In the name of the Commonwealth you are hereby required to notify and warn the inhabitants of the Town of Holliston who are qualified to vote in Town affairs to meet in the Holliston High School auditorium on:

**Monday,
Tuesday,**

**May 5, 2014
May 6, 2014 (if necessary)**

Wednesday, May 7, 2014 (if necessary)
Thursday, May 8, 2014 (if necessary)

at 7:30 p.m. to act on the following Articles, to wit:

ARTICLE 1. To hear and act on the report of the Selectmen.

ARTICLE 2. To hear and act on the report of the Finance Committee.

THE FINANCE COMMITTEE RECOMMENDS FAVORABLE ACTION (FOUR IN FAVOR; MESSRS. ALFRED, KASLOW AND SHEA ABSENT).

ARTICLE 3. To see if the Town will vote to authorize the Town Treasurer, subject to the approval of the Selectmen, to sell property acquired through foreclosure of tax titles by the Town and other real estate, after first giving notice of the time and place of the sale by posting such notice of sale in some convenient place in the Town, by publishing such notice of such sale in a newspaper having general circulation in the Town and by posting such notice on a Holliston Cable Access Television (HCAT) bulletin board and on the Town's website at least fourteen (14) days before the sale. The Treasurer shall also give notice of such sale to the Executive Director of the Holliston Housing Authority, the Chair of the Holliston Housing Trust and the Chair of the Holliston Housing Committee or its subsequent equivalent by first class letter at least forty-five (45) days before the sale. The Treasurer may hold a public auction and may reject any bid which s/he deems inadequate, and any such advertisement, notice or indication that real property is to be offered for sale by the Town of Holliston, or any department, commission, or other subdivision of the Town shall include the following statement: "Buyers should be aware that the Town of Holliston does not guarantee this property to be in conformity with existing zoning bylaws."

Whenever the proceeds of the sale or other disposal of real estate, other than that acquired through tax title foreclosure, by the Town of Holliston exceed five hundred dollars, the same shall be applied to the payment of indebtedness incurred in acquiring such real estate or shall be added to the sinking fund, if any, from which said indebtedness is payable, or if no such indebtedness is outstanding will be applied to the Town's Capital Expenditure Fund as established by Chapter 46 of the Acts of 1993. The proceeds of a sale in excess of five hundred dollars of any park land by the Town shall be used only by the Town for acquisition of land for park purposes or for capital improvements to park land; or take any action relative thereto.
(Board of Selectmen)

ARTICLE 4. To see if the Town will vote to amend the Consolidated Personnel Bylaw Section 29, Job Classification Plan, by reflecting those revisions, deletions and/or additions to be effective as of July 1, 2014; or take any action relative thereto. **(Town Administrator)**

SECTION 29, JOB CLASSIFICATION PLAN (Fulltime Permanent Positions)

POSITION	GRADE	POSITION	GRADE
Administrative Assessor	400	Head Dispatcher	400
Assistant Clerk	200	Head of Circulation, Library	400
Assistant Director, Library	400	Library Page	100
Assistant, Town Clerk	400	Matron, Police	100
Assistant, Treasurer/Collector	400	Outreach Worker	
Cataloger, Library	300	Principal Clerk	300
Children's Librarian	400	Reference Librarian	400
Clerk	300	Technician, Library	100
Crossing Guard	100	Van Driver	100
Dispatcher	200		

ARTICLE 5. To see if the Town will vote to amend the Consolidated Personnel Bylaw Section 30, Job Compensation Plan, to reflect the rates listed below, and the inclusion of any new rates resulting from reevaluation or new or revised positions to be effective as of July 1, 2014; or take any action relative thereto. (**Town Administrator**)

SECTION 30, JOB COMPENSATION PLAN, PART I, SCHEDULE B, HOURLY RATES

GRADE	STEP 1	STEP 2	STEP 3	STEP 4	STEP 5	STEP 6	STEP 7
100	15.45	16.43	17.12	17.54	17.89	18.64	19.04
200	18.32	19.49	20.30	20.80	21.22	22.11	22.58
300	18.89	20.10	20.94	21.45	21.89	22.80	23.29
400	21.75	23.14	24.10	24.69	25.20	26.25	26.81
500	23.61	25.11	26.16	26.80	27.35	28.49	29.10

THE FINANCE COMMITTEE RECOMMENDS FAVORABLE ACTION (FOUR IN FAVOR; MESSRS. ALFRED, KASLOW AND SHEA ABSENT). The Finance Committee notes that further work is required in the near future to complete the process of adjusting compensation.

ARTICLE 6. To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money for unpaid bills from prior years; or take any action relative thereto. (**Board of Selectmen**)

THE FINANCE COMMITTEE RECOMMENDS THAT THE TOWN RAISE AND APPROPRIATE THE SUM OF \$1,035.45 (FOUR IN FAVOR; MESSRS. ALFRED, KASLOW AND SHEA ABSENT). The invoice covers repairs to the kitchen facility at the Pinecrest Golf Course clubhouse.

ARTICLE 7. To see if the Town will vote to transfer from available funds a sum of money for the purpose of supplementing various accounts of the Town's fiscal year 2014 annual budget, previously voted by the Town under Article 15 of the Warrant for the 2013 Annual Town Meeting and under Article 2 of the Warrant for the October 28, 2013 Fall Town Meeting; or take any action relative thereto. (**Board of Selectmen**)

**THE FINANCE COMMITTEE RECOMMENDS INDEFINITE POSTPONEMENT
(FOUR IN FAVOR; MESSRS. ALFRED, KASLOW AND SHEA ABSENT).**

ARTICLE 8. To see if the Town will vote to authorize the Board of Selectmen to hold a public auction for the purpose of disposing of surplus departmental equipment; or take any action relative thereto. **(Board of Selectmen)**

ARTICLE 9. To see if the Town will vote to authorize the Highway Department, with the approval of the Board of Selectmen, to use and expend sums received from the Commonwealth of Massachusetts as reimbursements under the Chapter 90 State Aid to Highways program for further construction, reconstruction and improvements, including surface treatments of approved public ways within the Town; or take any action relative thereto. **(Board of Selectmen)**

THE FINANCE COMMITTEE RECOMMENDS FAVORABLE ACTION (FOUR IN FAVOR; MESSRS. ALFRED, KASLOW AND SHEA ABSENT).

ARTICLE 10. To see if the Town will vote, under the provisions of Massachusetts General Laws Chapter 44, section 53E1/2, as amended, to reauthorize the following revolving accounts for fiscal year 2015:

1. an ambulance fee revolving account into which shall be deposited receipts received as payment of fees for ambulance services and from which account expenditures for labor, materials, supplies and equipment associated with the provision of ambulance services in the Town may be made in an amount not to exceed \$391,812;
2. a Council on Aging fee revolving account into which shall be deposited receipts received as payment of fees for the use of the Senior Center and from which account expenditures for Senior Center expenses may be made in an amount not to exceed \$5,000;
3. a Composting Kit revolving account into which shall be deposited receipts received from the sale of composting kits and from which account expenditures for purchasing composting kits may be made in an amount not to exceed \$3,000;
4. a Response and Recovery fee revolving account into which shall be deposited receipts received as payment of fees and reimbursements for response to natural and man-made emergencies and from which account expenditures for planning, response, recovery and mitigation efforts by Town departments may be made in an amount not to exceed \$10,000;
5. an abutter's list fee revolving account into which shall be deposited receipts received as payment of fees for abutter's lists and from which fund expenditures for preparing and issuing abutter's lists, including technologies, may be made in an amount not to exceed \$5,000;
6. a Building Inspection revolving account into which shall be deposited receipts received as payment of all fees received by the Building Inspection department for plumbing, gas and wiring permits and from which account expenditures reasonably related to inspectional services for plumbing, gas and wiring may be made in an amount not to exceed \$70,000;

7. a Town Hall revolving account into which shall be deposited receipts received as payment of all fees for rental of the Town Hall facility and from which account expenditures reasonably related to maintaining the Town Hall for purposes of rental may be made in an amount not to exceed \$25,000;
8. a Senior Center Van Services revolving account into which shall be deposited receipts received as payment of all fees, reimbursements and contracted receipts for use of the Senior Center van and transportation program and from which account expenditures reasonably related to maintaining the Senior Center van service and transportation program may be made in an amount not to exceed \$10,000;
9. an Agricultural Commission programs revolving account into which shall be deposited receipts received as payment for all programs and activities of the Agricultural Commission and from which account expenditures reasonably related to the programs and activities of the Agricultural Commission may be made in an amount not to exceed \$10,000;
10. a Sealer of Weights and Measures revolving account into which shall be deposited receipts received for Sealer of Weights and Measures services and from which account expenditures related to the services of the Sealer of Weights and Measures may be made in an amount not to exceed \$5,000;
11. a fluorescent bulb recycling revolving account into which shall be deposited receipts received from recycling fluorescent bulbs and from which account expenditures for recycling fluorescent bulbs may be made in an amount not to exceed \$3,000;
12. a banner revolving account into which shall be deposited receipts received as payment of fees for banners over Washington Street and from which account expenditures for placing the banners may be made in an amount not to exceed \$5,000;
13. an accident fee revolving account into which shall be deposited receipts received as payment of fees for motor vehicle accident investigations and from which account expenditures for investigating motor vehicle accidents may be made in an amount not to exceed \$5,000;
14. an inoculation revolving account into which shall be deposited receipts received for reimbursement for inoculations and from which account expenditures for inoculations may be made in an amount not to exceed \$20,000;
15. a cost of prosecution account into which shall be deposited receipts received as payment of fees for court imposed penalties and from which account expenditures for the costs of prosecution may be made in an amount not to exceed \$30,000; and
16. a nutrition revolving account into which shall be deposited receipts received for nutrition programs at the Senior Center and from which account expenditures for nutrition programs at the Senior Center may be made in an amount not to exceed \$10,000;

provided that expenditures from said accounts shall require the approval of the Board of

Selectmen and expenditures in excess of the amounts stated shall require the approval of the Board of Selectmen and the Finance Committee; or take any action relative thereto. **(Board of Selectmen)**

THE FINANCE COMMITTEE RECOMMENDS FAVORABLE ACTION (FOUR IN FAVOR; MESSRS. ALFRED, KASLOW AND SHEA ABSENT).

ARTICLE 11. To see if the Town will vote to accept the provisions of Chapter 73 of the Acts of 1986, as amended by Chapter 126 of the Acts of 1988, authorizing the Board of Assessors to grant an increase of twenty percent (20%) to all exemptions from property taxes excluding those granted under clause 18 of section 5 of Chapter 59 of the Massachusetts General Laws for the fiscal year commencing July 1, 2014; or take any action relative thereto. **(Board of Assessors)**

ARTICLE 12. To see if the Town will vote to amend the interest rate per annum from 8% to 6% under the provisions of Massachusetts General Laws Chapter 59, section 5, clause 41A, which regulates tax deferral for homeowners 65 years or older, pursuant to the authority contained in Chapter 136 of the Acts of 2005, thereby amending said clause 41A; or take any action relative thereto. **(Board of Assessors)**

ARTICLE 13. To see if the Town will vote to accept the provisions of section 51 of Chapter 184 of the Acts of 2002, amending the income requirements under Massachusetts General Laws Chapter 59, section 5, clause 41C, or take any action relative thereto. **(Board of Assessors)**

ARTICLE 14. To see what money the Town will vote to raise and appropriate or transfer from available funds to meet expenses and outlays to Town departments, salaries of Town Officers, sundry and miscellaneous but regular expenditures, for a Reserve Fund, Conservation Fund, Stabilization Fund, and to appoint trustees or caretakers or authorize the Selectmen to appoint caretakers of the cemeteries of the Town not otherwise provided for, for the ensuing year; or take any action relative thereto. **(Omnibus Budget)**

THE FINANCE COMMITTEE RECOMMENDS FAVORABLE ACTION ON THE AMOUNTS APPEARING IN THE RECOMMENDED COLUMN OF THE OMNIBUS BUDGET (THREE IN FAVOR, MR. DOWD OPPOSED; MESSRS. ALFRED, KASLOW AND SHEA ABSENT). The Finance Committee voted six in favor with Mr. Kaslow absent on the following budgets: Finance Committee, Other Financial Administration, Elections, Zoning Board of Appeals, Public Buildings, Benefits, Auxiliary Police, Sealer of Weights and Measures, Emergency Management, Animal Control, School, Keefe Technical School, Snow & Ice, Street Lighting, Wastewater, Motor Vehicle Fuels, Solid Waste, Veterans' Services and Debt Service. The Finance Committee voted five in favor, Mr. Dowd opposed and Mr. Kaslow absent on the following budgets: Board of Selectmen, Town Accountant, Board of Assessors, Treasurer/Collector, Technology, Town Clerk, Conservation Commission, Planning Board, Group Insurance, Police, Fire, Building Inspection, Highway Department, Board of Health, Council on Aging, Youth and Family Services, Library, Park Commission, Ambulance and Water Department. The Omnibus Budget is presented at the end of this Warrant beginning on page 20.

ARTICLE 15. To see if the Town will vote to raise and appropriate, transfer from available funds, or borrow a sum of money for the purpose of capital expenditures, including replacement and new vehicles and equipment, for the School, Police, Fire and Highway departments, and authorize the Board of Selectmen to trade or sell used equipment toward part of the purchase price; or take any action relative thereto. **(Board of Selectmen)**

THE FINANCE COMMITTEE WILL MAKE A RECOMMENDATION AT TOWN MEETING.

ARTICLE 16. To see if the Town will vote to act on the report of the Community Preservation Committee on the fiscal year 2015 community preservation budget and to appropriate or reserve for later appropriation monies from Community Preservation Fund annual revenues or available funds for the administrative expenses of the Community Preservation Committee, the payment of debt service, the undertaking of community preservation projects and all other necessary and proper expenses for the year; or take any action relative thereto. **(Community Preservation Committee)**

THE FINANCE COMMITTEE WILL MAKE A RECOMMENDATION AT TOWN MEETING.

ARTICLE 17. To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money for the Stabilization Fund; or take any action relative thereto. **(Board of Selectmen)**

THE FINANCE COMMITTEE RECOMMENDS INDEFINITE POSTPONEMENT (FIVE IN FAVOR; MR. KASLOW AND MS. LIBERTY ABSENT).

ARTICLE 18. To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money for the Capital Expenditure Fund; or take any action relative thereto. **(Board of Selectmen)**

THE FINANCE COMMITTEE RECOMMENDS THAT THE TOWN RAISE AND APPROPRIATE \$625,000 (FIVE IN FAVOR; MR. KASLOW AND MS. LIBERTY ABSENT).

ARTICLE 19. To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money for the Other Post Employment Benefits Liability Trust Fund; or take any action relative thereto. **(Board of Selectmen)**

THE FINANCE COMMITTEE RECOMMENDS THAT THE TOWN APPROPRIATE \$3,295,479 FROM THE STABILIZATION FUND, RAISE AND APPROPRIATE \$1,444,013, APPROPRIATE \$43,011 FROM WATER SURPLUS AND APPROPRIATE \$27,497 FROM THE AMBULANCE FUND (FIVE IN FAVOR; MR. KASLOW AND MS. LIBERTY ABSENT).

ARTICLE 20. To see if the Town will vote to accept the provisions of section 13D of Chapter 40 of the General Laws of the Commonwealth and establish a reserve fund for the future payment of accrued liabilities for compensated absences due any employee upon termination of

employment; or take any action relative thereto. **(Board of Selectmen)**
THE FINANCE COMMITTEE RECOMMENDS FAVORABLE ACTION (FOUR IN FAVOR; MESSRS. ALFRED, KASLOW AND SHEA ABSENT).

ARTICLE 21. To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money for the purpose of an engineering study to expand the parking lot and storm water management at the Holliston Senior Center; or take any action relative thereto. **(Council on Aging)**

THE FINANCE COMMITTEE RECOMMENDS INDEFINITE POSTPONEMENT (FOUR IN FAVOR; MESSRS. ALFRED, KASLOW AND SHEA ABSENT).

ARTICLE 22. To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money for the purpose of exploring and testing a technology for cleaning deposits from water mains; or take any action relative thereto. **(Board of Water Commissioners)**

THE FINANCE COMMITTEE WILL MAKE A RECOMMENDATION AT TOWN MEETING.

ARTICLE 23. To see if the Town will vote to raise and appropriate or transfer from available funds a sum of money for the purpose of installing a variable frequency drive pump and associated controls at Well #8; or take any action relative thereto. **(Board of Water Commissioners)**

THE FINANCE COMMITTEE WILL MAKE A RECOMMENDATION AT TOWN MEETING.

ARTICLE 24. To see if the Town will vote to authorize the Board of Assessors and the Board of Selectmen to enter into a payment in lieu of taxes agreements (PILOT) for the solar power projects known as Blue Wave Capital at 56 Chestnut Street and Solect Energy Development off of Washington Street and Hopping Brook Road; or take any action relative thereto. **(Board of Assessors)**

THE FINANCE COMMITTEE RECOMMENDS FAVORABLE ACTION (FOUR IN FAVOR; MESSRS. ALFRED, KASLOW AND SHEA ABSENT).

ARTICLE 25. To see if the Town will vote to transfer the care, custody and control of that property shown as Lot 366.2 of Block 7 on Assessors Map 7, located on Chamberlain Street, from the Board of Selectmen to the Holliston Housing Trust for the purpose of constructing low and moderate income housing; or take any action relative thereto. **(Board of Selectmen)** (See map segment on page 39.)

ARTICLE 26. To see if the Town will vote to rescind the borrowing authorization previously voted under Article 9 of the Warrant for the October 28, 2013 Special Town Meeting regarding property acquisition; or take any action relative thereto. **(Treasurer/Collector)**

THE FINANCE COMMITTEE RECOMMENDS FAVORABLE ACTION (FOUR IN FAVOR; MESSRS. ALFRED, KASLOW AND SHEA ABSENT).

ARTICLE 27. To see if the Town will vote to rescind the borrowing authorization previously voted under Article 24 of the Warrant for the 1999 Annual Town Meeting regarding anticipated grant funds; or take any action relative thereto. **(Treasurer/Collector)**

THE FINANCE COMMITTEE RECOMMENDS FAVORABLE ACTION (FOUR IN FAVOR; MESSRS. ALFRED, KASLOW AND SHEA ABSENT).

ARTICLE 28. To see if the Town will vote to rescind the borrowing authorization previously voted under Article 7 of the Warrant for the October 28, 2013 Special Town Meeting regarding acquisition of a Fire Department pumper engine; or take any action relative thereto. **(Treasurer/Collector)**

THE FINANCE COMMITTEE RECOMMENDS INDEFINITE POSTPONEMENT (FOUR IN FAVOR; MESSRS. ALFRED, KASLOW AND SHEA ABSENT).

ARTICLE 29. To see if the Town will vote to amend Article XXIII of the Town of Holliston General By-laws by changing "thirteen members (13)" to "seven members (7)" in Section 1; changing "five (5)" to "three (3)" in Section 1; changing "four (4)" to "two (2)" in Section 1; changing "April" to "June" in Sections 1 and 3; and deleting Section 6, so that Article XXIII reads as follows:

Section 1. The Town shall have a Council on Aging, consisting of seven members (7), appointed in June by the Board of Selectmen for a term of three years (3) each, and so appointed that the term of not more than three (3) nor less than two (2) shall terminate in any one year.

Section 2. The council shall have the power to coordinate and carry out programs designed to meet the problems of the aging in cooperation with programs of the Department of Elder Affairs.

Section 3. The council shall elect from its membership, in June of each year, a chairman, vice-chairman, secretary and treasurer.

Section 4. The council shall submit an Annual report to the Town and shall send a copy thereof to the Department of Elder Affairs.

Section 5. The council may appoint such clerks and other employees as it may require.;

or take any action relative thereto. **(Council on Aging)**

ARTICLE 30. To see if the Town will vote to amend the General By-laws of the Town by adding a new ARTICLE XLII ó STRETCH ENERGY CODE, set forth below, for the purpose of regulating the design and construction of buildings for the effective use of energy, pursuant to Appendix 115.AA of the Massachusetts Building Code, 780 CMR, the Stretch Energy Code, including future editions, amendments or modifications thereto, a copy of which is on file with the Town Clerk:

ARTICLE XLII STRETCH ENERGY CODE

Section 1. Definitions

International Energy Conservation Code (IECC) - The International Energy Conservation Code (IECC) is a building energy code created by the International Code Council. It is a model code adopted by many state and municipal governments in the United States for the establishment of minimum design and construction requirements for energy efficiency, and is updated on a three-year cycle. The baseline energy conservation requirements of the MA State Building Code are the IECC with Massachusetts amendments, as approved by the Board of Building Regulations and Standards.

Stretch Energy Code - Codified by the Board of Building Regulations and Standards as 780 CMR Appendix 115.AA of the 8th edition Massachusetts building code, the Stretch Energy Code is an appendix to the Massachusetts building code, based on further amendments to the International Energy Conservation Code (IECC) to improve the energy efficiency of buildings built to this code.

Section 2. Purpose

The purpose of 780 CMR 115.AA is to provide a more energy efficient alternative to the Base Energy Code applicable to the relevant sections of the building code for both new construction and existing buildings.

Section 3. Applicability

This code applies to residential and commercial buildings. Buildings not included in this scope shall comply with 780 CMR 13, 34, 51, as applicable.

Section 4. Stretch Code

The Stretch Code, as codified by the Board of Building Regulations and Standards as 780 CMR Appendix 115.AA, including any future editions, amendments or modifications, is herein incorporated by reference into the Town of Holliston General Bylaws, Article XLII.

The Stretch Code is enforceable by the inspector of buildings or building commissioner.:

or take any action relative thereto. (**Board of Selectmen**) (See full text of the Stretch Energy Code beginning on page 42.)

ARTICLE 31. To see if the Town will vote to amend the Holliston Zoning By-Laws at Section V-J Flood Plain District Regulations to include references to a new FEMA flood study and insurance rate maps for Middlesex County (effective date July 7, 2014) as well as other language to comply with National Flood Insurance Program regulations as follows (strikethrough text is to be deleted and italicized text is new):

2. Flood Plain District

The District includes all special flood hazard areas within the Town of Holliston designated as Zone A and, AE on the Middlesex County Flood Insurance Rate Map (FIRM) issued by the Federal Emergency Management Agency (FEMA) for the administration of the National Flood

Insurance Program. The map panels of the Middlesex County FIRM that are wholly or partially within the Town of Holliston are panel numbers 25017C0610E1 and 25017C0642E dated June 4, 2010 and 25017C0610F, 25017C0627F, 25017C0628F and 25017C0631F dated July 7, 2014. The exact boundaries of the District may be defined by the 100-year base flood elevations shown on the FIRM and further defined by the Middlesex County Flood Insurance Study (FIS) report dated June 4, 2010-July 7, 2014. The FIRM and FIS report are incorporated herein by reference and are on file with the Town Clerk and Inspector of Buildings. ~~These maps, as well as the accompanying Flood Insurance Study, are incorporated herein by reference.~~

3. Use and Development Regulations.

All development in this district, including structural and non-structural activities, whether permitted by right or by special permit must be in compliance with Chapter 131, Section 40 of the Massachusetts General Laws and with the following: 780 CMR ~~120.G of the State Building Code, "Flood Resistant Construction...~~; 310 CMR 10.00 and 13.00 Wetlands Protection Regulations and Inland Wetlands Restriction, and 310 CMR 15, Title 5 Minimum Requirements for the Subsurface Disposal of Sanitary Sewage. Any variances from the provisions and requirements of the above referenced state regulations may only be granted in accordance with the required variance procedures of these state regulations.;

or take any action relative thereto. **(Planning Board)**

ARTICLE 32. To see if the Town will vote to accept as a public way, Indian Ridge South (formerly James Road) in the Clearview Estates II Definitive Subdivision (Sta. 0+25 to 10+51.55), as shown on the plan entitled "Layout Plan of Land in Holliston, MA" dated March 13, 2014, prepared by Guerriere & Halnon, Inc., 333 West Street, Milford, MA 01757, such way having been laid out as a Town Way by the Board of Selectmen; or take any action relative thereto. **(Planning Board)** (See map on page 40.)

ARTICLE 33. To see if the Town will vote to accept as a public way, Brandon Lane (Sta. 0+00 to end), as shown on the plan entitled "Layout Plan of Brandon Lane, Wilson Acres, Holliston, MA" dated March 3, 2014, prepared by Guerriere & Halnon, Inc., 333 West Street, Milford, MA 01757, such way having been laid out as a Town Way by the Board of Selectmen; or take any action relative thereto. **(Planning Board)** (See map on page 41.)

And you are directed to notify and warn the inhabitants of said Town who are qualified to vote in Town elections to vote at:

Voters in Precinct 1 vote at the High School gymnasium
Voters in Precinct 2 vote at the High School gymnasium
Voters in Precinct 3 vote at the High School gymnasium
Voters in Precinct 4 vote at the High School gymnasium

on **TUESDAY, MAY 20, 2014**

from 7:00 a.m. to 8:00 p.m. for the following purpose:

To cast their votes in the Town Election for the election of candidates for the following offices:

SELECTMAN & HIGHWAY SURVEYOR (three year term)	Vote for ONE
ASSESSOR OF TAXES (three year term)	Vote for ONE
HOUSING AUTHORITY (five year term)	Vote for ONE
SCHOOL COMMITTEE (three year term)	Vote for NOT MORE THAN TWO
BOARD OF HEALTH (three year term)	Vote for ONE
TRUSTEES OF PUBLIC LIBRARY (three year term)	Vote for NOT MORE THAN TWO
FINANCE COMMITTEE (three year term)	Vote for NOT MORE THAN TWO
FINANCE COMMITTEE (one year term)	Vote for ONE
WATER COMMISSIONER (three year term)	Vote for ONE
WATER COMMISSIONER (one year term)	Vote for ONE
PARK COMMISSIONER (three year term)	Vote for ONE
PLANNING BOARD (five year term)	Vote for ONE
PLANNING BOARD (two year term)	Vote for ONE

QUESTION 1: Shall the Town of Holliston accept section 3(e)(4) of Chapter 44B of the General Laws and provide that \$100,000 of the value of each taxable parcel of class three, commercial property, and class four, industrial property, as defined in section 2A of Chapter 59 of the General Laws be exempt from the surcharge on real property under the Community Preservation Act?

YES NO

And you are directed to serve this Warrant by posting true copies thereof, attested, on and within the Town Hall seven days at least before the date of said meeting. Hereof fail not and make return of this Warrant with your doings thereon at the time and place of said meeting.

Given under our hands this 23rd day of April A.D. 2014.

John D. Leary, Jr., Chairman

Kevin P. Conley, Vice Chairman

Joseph P. Marsden, Clerk

BOARD OF
SELECTMEN

TOWN OF HOLLISTON - OMNIBUS BUDGET										
			EXPENDED	EXPENDED	APPROPRIATED	REQUESTED	RECOMMENDED	14 TO 15		
DEPARTMENT	DEPT. NO.	ACCT. NO.	FISCAL YEAR	FISCAL YEAR	FISCAL YEAR	FISCAL YEAR	FISCAL YEAR	FISCAL YEAR	PERCENT CHANGE	NOTES
		ACCOUNT NAME	2012	2013	2014	2015	2015	2015		
BOARD OF SELECTMEN	01122	51000	PERSONAL SERVICES	176,250	177,335	179,335	190,710	190,710		
		52000	PURCHASED SERVICES	42,190	55,100	59,250	51,100	51,100		
		54000	SUPPLIES & MATERIALS	1,639	1,642	1,650	2,300	2,300		
		57000	OTHER EXPENSES	175,400	177,431	178,000	181,800	181,800		Property and Liability insurance
		58000	CAPITAL OUTLAY	0	0	0	0	0		
		TOTAL	BOARD OF SELECTMEN	395,478	411,507	418,235	425,910	425,910	1.84%	
FINANCE COMMITTEE	01131	51000	PERSONAL SERVICES	1,365	1,717	1,472	1,475	1,475		
		52000	PURCHASED SERVICES	0	0	0	0	0		
		54000	SUPPLIES & MATERIALS	0	50	50	50	50		
		TOTAL	FINANCE COMMITTEE	1,365	1,767	1,522	1,525	1,525	0.20%	
TOWN ACCOUNTANT	01134	51000	PERSONAL SERVICES	71,750	74,254	77,171	81,799	81,799		
		52000	PURCHASED SERVICES	4,797	3,250	2,775	2,725	2,725		
		54000	SUPPLIES & MATERIALS	460	296	450	550	550		
		58000	CAPITAL OUTLAY	0	0	0	0	0		
		TOTAL	TOWN ACCOUNTANT	77,007	77,800	80,396	85,074	85,074	5.82%	
BOARD OF ASSESSORS	01137	51000	PERSONAL SERVICES	169,745	170,880	173,459	176,629	176,629		
		52000	PURCHASED SERVICES	13,001	9,290	10,131	11,056	11,056		
		54000	SUPPLIES & MATERIALS	1,074	700	800	1,000	1,000		
		58000	CAPITAL OUTLAY	0	0	0	0	0		
		TOTAL	BOARD OF ASSESSORS	183,820	180,871	184,390	188,685	188,685	2.33%	
TREASURER/ COLLECTOR	01138	51000	PERSONAL SERVICES	241,304	242,220	247,475	253,468	253,468		
		52000	PURCHASED SERVICES	34,071	43,237	45,600	48,007	48,007		
		54000	SUPPLIES & MATERIALS	5,590	4,881	4,323	8,000	8,000		
		58000	CAPITAL OUTLAY	0	0	0	0	0		
		TOTAL	TREASURER/COLLECTOR	280,966	290,338	297,398	309,475	309,475	4.06%	
OTHER FINANCIAL ADMINISTRATION	01149	53202	BANK/BONDING EXPENSES	0	0	0	0	0		
		57810	RESERVE FOR TRANSFERS	0	0	212,675	212,675	212,675		
		TOTAL	OTHER FINANCIAL ADMINISTR.	0	0	212,675	212,675	212,675	0.00%	

	DEPT.	ACCT.		EXPENDED	EXPENDED	APPROPRIATED	REQUESTED	RECOMMENDED	14 TO 15	
	NO.	NO.	ACCOUNT NAME	FISCAL YEAR	FISCAL YEAR	FISCAL YEAR	FISCAL YEAR	FISCAL YEAR	PERCENT	NOTES
DEPARTMENT				2012	2013	2014	2015	2015	CHANGE	
TECHNOLOGY	01154	51000	PERSONAL SERVICES	77,880	78,709	79,495	84,013	84,013		
		52000	PURCHASED SERVICES	6,787	5,042	5,152	4,752	4,752		
		54000	SUPPLIES & MATERIALS	150	218	300	500	500		
		58000	CAPITAL OUTLAY	5,356	7,064	8,106	8,906	8,906		
		TOTAL	TECHNOLOGY	90,173	91,034	93,053	98,171	98,171	5.50%	
TOWN CLERK	01161	51000	PERSONAL SERVICES	108,151	118,351	122,373	131,611	131,611		
		52000	PURCHASED SERVICES	4,570	6,003	6,287	6,965	6,965		
		54000	SUPPLIES & MATERIALS	749	1,903	2,403	1,938	1,938		
		TOTAL	TOWN CLERK	113,471	126,257	131,063	140,514	140,514	7.21%	
ELECTIONS	01162	51000	PERSONAL SERVICES	6,416	13,444	5,444	13,956	13,956		
		52000	PURCHASED SERVICES	800	6,464	2,296	5,825	5,825		
		54000	SUPPLIES & MATERIALS	4,704	2,966	2,255	3,710	3,710		
		TOTAL	ELECTIONS	11,920	22,873	9,995	23,491	23,491	135.03%	
CONSERVATION COMMISSION	01171	51000	PERSONAL SERVICES	38,611	39,208	40,316	44,958	44,958		
		52000	PURCHASED SERVICES	2,038	1,972	2,700	2,700	2,700		
		54000	SUPPLIES & MATERIALS	239	516	500	500	500		
		TOTAL	CONSERVATION COMM.	40,888	41,695	43,516	48,158	48,158	10.67%	
PLANNING BOARD	01172	51000	PERSONAL SERVICES	64,242	65,395	66,854	70,986	70,986		
		52000	PURCHASED SERVICES	8,354	8,570	4,500	4,300	4,300		
		54000	SUPPLIES & MATERIALS	345	508	545	539	539		
		TOTAL	PLANNING BOARD	72,941	74,472	71,899	75,825	75,825	5.46%	
ZONING BOARD OF APPEALS	01173	51000	PERSONAL SERVICES	6,658	3,841	10,388	6,000	6,000		
		52000	PURCHASED SERVICES	6,495	138	200	4,400	4,400		
		54000	SUPPLIES & MATERIALS	100	14	150	150	150		
		TOTAL	ZONING BOARD OF APPEALS	13,253	3,993	10,738	10,550	10,550	-1.75%	
PUBLIC BUILDINGS	01192	51000	PERSONAL SERVICES	0	0	0	0	0		
		52000	PURCHASED SERVICES	157,202	169,907	176,578	202,833	202,833		
		53000	REPAIR & MAINTENANCE	50,668	36,979	37,000	37,000	37,000		
		54000	SUPPLIES & MATERIALS	997	944	1,000	1,000	1,000		
		TOTAL	PUBLIC BUILDINGS	208,867	207,830	214,578	240,833	240,833	12.24%	

			EXPENDED	EXPENDED	APPROPRIATED	REQUESTED	RECOMMENDED	14 TO 15	
	DEPT.	ACCT.	FISCAL YEAR	FISCAL YEAR	FISCAL YEAR	FISCAL YEAR	FISCAL YEAR	PERCENT	
DEPARTMENT	NO.	NO.	ACCOUNT NAME	2012	2013	2014	2015	2015	CHANGE
EMPLOYEE BENEFITS	01194	51750	INSURANCE	4,333,393	4,253,146	4,131,440	4,348,582	4,348,582	
		51780	BENEFITS	1,424,320	1,542,912	1,809,529	2,042,479	2,042,479	
		TOTAL	EMPLOYEE BENEFITS	5,757,713	5,796,058	5,940,969	6,391,061	6,391,061	7.58%
POLICE	01210	51000	PERSONAL SERVICES	2,167,392	2,160,839	2,227,116	2,346,083	2,308,209	
		52000	PURCHASED SERVICES	89,846	97,337	98,314	108,516	108,516	
		53000	REPAIR & MAINTENANCE	14,727	20,242	19,090	24,290	23,090	
		54000	SUPPLIES & MATERIALS	7,284	10,635	10,835	13,240	13,240	
		58000	CAPITAL OUTLAY	0	4,247	0	0	0	
		TOTAL	POLICE	2,279,249	2,293,299	2,355,355	2,492,129	2,453,055	4.15%
AUXILIARY POLICE	01211	52000	PURCHASED SERVICES	5,194	5,203	5,390	5,580	5,580	
		53000	REPAIR & MAINTENANCE	0	190	190	190	190	
		54000	SUPPLIES & MATERIALS	6,824	7,071	7,071	7,071	7,071	
		57000	OTHER EXPENSES	0	0	0	0	0	
		TOTAL	AUXILIARY POLICE	12,018	12,464	12,651	12,841	12,841	1.50%
FIRE	01220	51000	PERSONAL SERVICES	519,781	638,810	697,030	707,089	703,655	
		52000	PURCHASED SERVICES	42,571	45,359	47,389	47,150	47,150	
		53000	REPAIR & MAINTENANCE	15,947	30,269	18,800	20,800	20,800	
		54000	SUPPLIES & MATERIALS	9,865	5,567	12,250	12,250	12,250	
		58000	CAPITAL OUTLAY	5,325	2,661	12,500	12,500	12,500	
		TOTAL	FIRE	593,489	722,665	787,969	799,789	796,355	1.06%
BUILDING INSPECTION	01251	51000	PERSONAL SERVICES	117,414	117,679	122,192	123,413	122,257	
		52000	PURCHASED SERVICES	2,622	1,736	4,250	3,050	3,050	
		53000	REPAIR & MAINTENANCE	0	0	0	0	0	
		54000	SUPPLIES & MATERIALS	547	702	800	800	800	
		TOTAL	BUILDING INSPECTION	120,583	120,118	127,242	127,263	126,107	-0.89%
SEALER OF WEIGHTS AND MEASURES	01254	51000	PERSONAL SERVICES	1,000	1,000	1,000	1,000	1,000	
		52000	PURCHASED SERVICES	0	0	0	0	0	
		54000	SUPPLIES & MATERIALS	0	0	0	0	0	
		TOTAL	SEALER OF WEIGHTS	1,000	1,000	1,000	1,000	1,000	0.00%

	DEPT.	ACCT.		EXPENDED FISCAL YEAR	EXPENDED FISCAL YEAR	APPROPRIATED FISCAL YEAR	REQUESTED FISCAL YEAR	RECOMMENDED FISCAL YEAR	14 TO 15 PERCENT CHANGE	NOTES
DEPARTMENT	NO.	NO.	ACCOUNT NAME	2012	2013	2014	2015	2015		
EMERGENCY MANAGEMENT	01291	52000	PURCHASED SERVICES	6,045	9,798	10,000	10,155	10,155		
		54000	SUPPLIES & MATERIALS	0	0	64	64	64		
		57000	OTHER EXPENSES	0	0	300	300	300		
		TOTAL	EMERGENCY MANAGEMENT	6,045	9,798	10,364	10,519	10,519	1.50%	
ANIMAL CONTROL OFFICER	01292	51000	PERSONAL SERVICES	0	0	0	0	0		
		52000	PURCHASED SERVICES	38,000	38,000	38,359	38,359	38,359		
		54000	SUPPLIES & MATERIALS	0	0	0	0	0		
		TOTAL	ANIMAL CONTROL OFFICER	38,000	38,000	38,359	38,359	38,359	0.00%	
SCHOOL	01300	51000	PERSONAL SERVICES	21,501,879	22,630,800	24,088,933	24,035,983	24,035,983		
		52000	PURCHASED SERVICES	2,155,528	2,267,109	2,218,058	2,335,943	2,335,943		
		53000	REPAIR & MAINTENANCE	843,418	947,347	950,050	1,019,857	1,019,857		
		54000	SUPPLIES & MATERIALS	560,212	576,327	507,095	467,095	467,095		
		55000	FUELS	135,512	136,009	104,000	104,000	104,000		
		56000	INTERGOVERNMENTAL	1,708,920	1,666,501	1,181,088	1,559,692	1,559,692		
		57000	OTHER EXPENSES	306,361	365,009	354,999	354,999	354,999		
		58000	CAPITAL OUTLAY	313,224	144,363	152,173	122,173	122,173		
		TOTAL	SCHOOL	27,525,054	28,733,465	29,556,396	29,999,742	29,999,742	1.50%	
KEEFE TECHNICAL SCHOOL	01371	57000	INTERGOVERNMENTAL	382,414	549,683	617,396	745,302	762,815	23.55%	
HIGHWAY	01420	51000	PERSONAL SERVICES	680,640	683,699	697,455	707,264	707,264		
		52000	PURCHASED SERVICES	60,101	72,112	69,874	81,396	81,396		
		53000	REPAIR & MAINTENANCE	18,835	17,906	27,664	27,664	27,664		
		54000	SUPPLIES & MATERIALS	58,783	56,371	65,953	65,953	65,953		
		58000	CAPITAL OUTLAY	346,302	356,575	352,973	352,973	352,973		
		TOTAL	HIGHWAY	1,164,661	1,186,663	1,213,919	1,235,250	1,235,250	1.76%	
SNOW AND ICE REMOVAL	01423	51000	PERSONAL SERVICES	17,431	53,917	50,000	50,000	50,000		
		52000	PURCHASED SERVICES	28,252	129,371	106,215	106,215	106,215		
		54000	SUPPLIES & MATERIALS	50,422	102,669	93,785	93,785	93,785		
		TOTAL	SNOW AND ICE	96,105	285,957	250,000	250,000	250,000	0.00%	

Page 5

			EXPENDED	EXPENDED	APPROPRIATED	REQUESTED	RECOMMENDED	14 TO 15		
DEPARTMENT	DEPT. NO.	ACCT. NO.	ACCOUNT NAME	FISCAL YEAR 2012	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2015	PERCENT CHANGE	NOTES
STREET LIGHTING	01424	52120	STREET LIGHTING	65,998	52,961	66,990	61,200	61,200	-8.64%	
SOLID WASTE	01433	52120	SOLID WASTE	1,037,934	1,051,672	1,055,320	1,063,762	1,063,762	0.80%	Includes recycling and hazardous waste
WASTEWATER TREATMENT	01440	51000	PERSONAL SERVICES	0	0	0	0	0		
		52000	PURCHASED SERVICES	65,234	66,235	67,200	68,200	68,200		
		53000	REPAIR & MAINTENANCE	1,500	1,496	1,500	1,500	1,500		
		57000	INTERGOVERNMENTAL	0	0	0	0	0		
		TOTAL	WASTEWATER	66,734	67,731	68,700	69,700	69,700	1.46%	
OTHER PUBLIC WORKS	01499	54000	MOTOR VEHICLE FUELS	130,216	142,099	144,232	144,232	144,232	0.00%	
BOARD OF HEALTH	01512	51000	PERSONAL SERVICES	108,734	109,304	114,622	117,819	117,819		
		52000	PURCHASED SERVICES	10,221	12,232	11,145	10,430	10,430		
		54000	SUPPLIES & MATERIALS	593	600	600	700	700		
		TOTAL	BOARD OF HEALTH	119,547	122,136	126,367	128,949	128,949	2.04%	
COUNCIL ON AGING	01541	51000	PERSONAL SERVICES	116,528	117,074	118,402	147,095	147,095		
		52000	PURCHASED SERVICES	33,755	36,315	37,966	39,383	39,383		
		53000	REPAIR & MAINTENANCE	13,050	6,245	4,000	4,000	4,000		
		54000	SUPPLIES & MATERIALS	9,200	8,067	9,800	10,719	10,719		
		TOTAL	COUNCIL ON AGING	172,533	167,701	170,168	201,197	201,197	18.23%	
YOUTH SERVICES	01542	51000	PERSONAL SERVICES	104,734	107,855	111,267	114,601	114,601		
		52000	PURCHASED SERVICES	483	0	3,127	3,841	3,841		
		54000	SUPPLIES & MATERIALS	0	118	300	500	500		
		57000	OTHER EXPENSES	0	0	0	0	0		
		TOTAL	YOUTH SERVICES	105,217	107,973	114,694	118,942	118,942	3.70%	
VETERANS' SERVICES	01543	51000	PERSONAL SERVICES	23,706	0	0	0	0		
		52000	PURCHASED SERVICES	547	0	0	0	0		
		54000	SUPPLIES & MATERIALS	0	0	0	0	0		
		56000	INTERGOVERNMENTAL	0	19,988	19,988	19,916	19,916		
		57000	BENEFITS	5,503	6,511	10,000	19,350	19,350		
		TOTAL	VETERANS' SERVICES	29,755	26,499	29,988	39,266	39,266	30.94%	

	DEPT.	ACCT.		EXPENDED	EXPENDED	APPROPRIATED	REQUESTED	RECOMMENDED	14 TO 15	
	NO.	NO.	ACCOUNT NAME	FISCAL YEAR	FISCAL YEAR	FISCAL YEAR	FISCAL YEAR	FISCAL YEAR	PERCENT	NOTES
DEPARTMENT				2012	2013	2014	2015	2015	CHANGE	
LIBRARY	01610	51000	PERSONAL SERVICES	275,642	281,478	288,962	304,821	304,801		
		52000	PURCHASED SERVICES	71,794	71,995	70,206	71,210	71,210		
		53000	REPAIR & MAINTENANCE	9,837	8,741	9,507	9,581	9,581		
		54000	SUPPLIES & MATERIALS	72,277	73,201	74,033	75,496	75,496		
		58000	CAPITAL OUTLAY	0	0	0	0	0		
		TOTAL LIBRARY		429,551	435,415	442,708	461,108	461,088	4.15%	
PARKS	01650	51000	PERSONAL SERVICES	88,584	89,845	91,262	99,062	99,062	8.55%	
DEBT SERVICE	01710	52000	PURCHASED SERVICES	1,691	3,169	3,146	3,124	3,124		
		57600	DEBT SERVICE	5,546,360	5,700,669	5,614,418	5,580,137	5,580,137		
		TOTAL DEBT SERVICE		5,548,051	5,703,838	5,617,564	5,583,261	5,583,261	-0.61%	
AMBULANCE	26231	51000	PERSONAL SERVICES	266,626	248,974	260,249	290,600	312,332		
		52000	PURCHASED SERVICES	51,838	54,754	95,025	88,275	88,275		
		53000	REPAIR & MAINTENANCE	5,037	10,712	13,750	13,750	13,750		
		54000	SUPPLIES & MATERIALS	14,426	22,487	21,300	21,300	21,300		
		58000	CAPITAL OUTLAY	1,808	2,165	2,100	2,100	2,100		
		TOTAL AMBULANCE		339,735	339,092	392,424	416,025	437,757	11.55%	Funded from Ambulance Fee Accounts
WATER	60150	51000	PERSONAL SERVICES	670,680	702,266	802,516	701,420	735,681		
		52000	PURCHASED SERVICES	371,810	357,329	377,550	379,000	379,000		
		53000	REPAIR & MAINTENANCE	56,669	64,308	75,000	72,000	72,000		
		54000	SUPPLIES & MATERIALS	232,416	211,201	226,850	228,000	228,000		
		56000	INTERGOVERNMENTAL	3,304	2,904	3,600	3,600	3,600		
		57000	DEBT SERVICE	992,836	1,094,880	1,019,714	853,656	853,656		
		58000	CAPITAL OUTLAY	0	2,002	2,500	6,000	6,000		
		TOTAL WATER		2,327,715	2,434,891	2,507,730	2,243,676	2,277,937	-9.16%	
		TOTAL OMNIBUS BUDGET		49,928,050	52,021,462	53,509,225	54,594,521	54,624,343	2.08%	

OMNIBUS BUDGET BY ACCOUNT GROUPS

ACCT. NO.	ACCOUNT NAME	EXPENDED FISCAL YEAR 2012	EXPENDED FISCAL YEAR 2013	APPROPRIATED FISCAL YEAR 2014	REQUESTED FISCAL YEAR 2015	RECOMMENDED FISCAL YEAR 2015	14 TO 15 PERCENT CHANGE	PERCENT OF RECOMMENDED FISCAL YEAR 2015
51000	PERSONAL SERVICES	33,380,857	34,724,951	36,615,757	37,192,916	37,206,425	5.45%	68.11%
52000	PURCHASED SERVICES	4,419,767	4,681,662	4,700,993	4,869,452	4,869,452	0.41%	8.91%
53000	REPAIR & MAINTENANCE	1,029,689	1,144,245	1,156,551	1,230,632	1,229,432	1.08%	2.25%
54000	SUPPLIES & MATERIALS	1,038,898	1,089,653	1,045,162	1,017,210	1,017,210	-4.08%	1.86%
55000	FUELS	265,728	278,108	248,232	248,232	248,232	-10.74%	0.45%
56000	INTERGOVERNMENTAL	2,094,638	2,239,076	1,822,072	2,328,510	2,346,023	-18.62%	4.29%
57000	DEBT/OTHER	7,026,460	7,344,501	7,390,106	7,202,917	7,202,917	0.62%	13.19%
58000	CAPITAL OUTLAY	672,015	519,077	530,352	504,652	504,652	2.17%	0.92%
TOTAL ALL DEPARTMENTS		49,928,050	52,021,272	53,509,225	54,594,521	54,624,343	2.86%	100.00%

OMNIBUS BUDGET BY SERVICE GROUPS

SERVICE GROUP	EXPENDED FISCAL YEAR 2012	EXPENDED FISCAL YEAR 2013	APPROPRIATED FISCAL YEAR 2014	REQUESTED FISCAL YEAR 2015	RECOMMENDED FISCAL YEAR 2015	14 TO 15 PERCENT CHANGE	PERCENT OF RECOMMENDED FISCAL YEAR 2015
GENERAL GOVERNMENT	1,639,452	1,679,075	1,925,813	2,029,101	2,029,101	5.36%	3.71%
CULTURE & RECREATION	795,884	800,933	818,832	880,309	880,289	7.51%	1.61%
PENSIONS/BENEFITS	5,757,713	5,796,058	5,940,969	6,391,061	6,391,061	7.58%	11.70%
SOLID WASTE	1,037,934	1,051,672	1,055,320	1,063,762	1,063,762	0.80%	1.95%
DEBT SERVICE	5,548,051	5,703,838	5,617,564	5,583,261	5,583,261	-0.61%	10.22%
PUBLIC SAFETY	3,390,119	3,536,436	3,725,364	3,897,925	3,875,993	4.04%	7.10%
LOCAL SCHOOLS	27,525,054	28,733,465	29,556,396	29,999,742	29,999,742	1.50%	54.92%
KEEFE TECH SCHOOL	382,414	549,683	617,396	745,302	762,815	23.55%	1.40%
PUBLIC WORKS	1,523,714	1,735,412	1,743,841	1,760,382	1,760,382	0.95%	3.22%
WATER	2,327,715	2,434,891	2,507,730	2,243,676	2,277,937	-9.16%	4.17%
TOTAL ALL	49,928,050	52,021,462	53,509,225	54,594,521	54,624,343	2.08%	100.00%

TOWN OF HOLLISTON
BUDGETED/PROJECTED REVENUES, FISCAL YEARS 2013 - 2018

	FY12		FY13		FY14		FY15		FY16		FY17		FY18	
	BUDGETED	%chg	BUDGETED	%chg	BUDGETED	%chg	PROJECTED	%chg	PROJECTED	%chg	PROJECTED	%chg	PROJECTED	%chg
PROPERTY TAX														
Base levy	33,628,242	6.8	34,955,864	3.9	36,257,858	3.7	37,640,037	3.8	38,914,163	3.4	40,220,142	3.4	41,558,770	3.3
New growth	475,040	44.3	409,318	-13.8	464,129	13.4	325,000	-30.0	325,000	0.0	325,000	0.0	325,000	0.0
Excluded debt	2,766,893	-1.0	2,733,369	-1.2	2,697,180	-1.3	2,692,403	-0.2	2,661,940	-1.1	2,649,917	-0.5	2,607,115	-1.6
Override	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOTAL LEVY	36,870,175	3.6	38,098,551	3.3	39,419,167	3.5	40,657,440	3.1	41,901,103	3.1	43,195,059	3.1	44,490,885	3.0
STATE AID														
General	7,844,649	-1.2	8,403,315	7.1	8,487,275	1.0	8,611,113	1.5	8,611,113	0.0	8,611,113	0.0	8,611,113	0.0
Offsets	716,750	4.6	718,762	0.3	710,306	-1.2	774,591	9.1	774,591	0.0	774,591	0.0	774,591	0.0
School Building Asst.	2,263,760	-3.0	2,263,760	0.0	2,260,046	-0.2	2,260,046	0.0	2,260,046	0.0	2,260,046	0.0	2,260,046	0.0
TOTAL STATE AID	10,825,159	-1.3	11,385,837	5.2	11,457,627	0.6	11,645,750	1.6	11,645,750	0.0	11,645,750	0.0	11,645,750	0.0
LOCAL RECEIPTS														
MV excise	1,560,529	-3.5	1,660,529	6.4	1,700,000	2.4	1,700,000	0.0	1,700,000	0.0	1,700,000	0.0	1,700,000	0.0
Interest	25,000	-50.0	25,000	0.0	25,000	0.0	25,000	0.0	25,000	0.0	25,000	0.0	25,000	0.0
Water	2,380,526	6.9	2,536,390	6.5	2,556,914	0.8	2,293,371	-10.3	2,327,540	1.5	2,362,222	1.5	2,397,423	1.5
Ambulance Fees	20,609	6.4	383,223	1,759.5	558,702	45.8	437,757	-21.6	444,323	1.5	450,988	1.5	457,753	1.5
Other	1,280,000	-10.3	1,172,000	-8.4	1,188,268	1.4	1,026,268	-13.6	910,678	-11.3	910,678	0.0	910,678	0.0
TOTAL	5,266,664	-1.0	5,777,142	9.7	6,028,884	4.4	5,482,396	-9.1	5,407,541	-1.4	5,448,888	0.8	5,490,854	0.8
AVAILABLE FUNDS														
Free Cash	1,084,078	79.2	1,819,966	67.9	1,358,776	-25.3	375,000	-72.4	250,000	-33.3	125,000	-50.0	0	-100.0
Capital Expenditure Fd.	350,000	-21.2	670,246	0.0	1,007,093	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Community Preservation	0	-100.0	564,584	0.0	495,260	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other	1,026,882	-6.8	417,076	0.0	741,057	0.0	10,230	0.0	0	0.0	0	0.0	0	0.0
TOTAL	2,460,960	-0.3	3,471,872	41.1	3,602,186	3.8	385,230	-89.3	250,000	-35.1	125,000	-50.0	0	-100.0
TOTAL REVENUES														
Tax Levy	36,870,175	3.6	38,098,551	3.3	39,419,167	3.5	40,657,440	3.1	41,901,103	3.1	43,195,059	3.1	44,490,885	3.0
State Aid	10,825,159	-1.3	11,385,837	5.2	11,457,627	0.6	11,645,750	1.6	11,645,750	0.0	11,645,750	0.0	11,645,750	0.0
Local Receipts	5,266,664	-1.0	5,777,142	9.7	6,028,884	4.4	5,482,396	-9.1	5,407,541	-1.4	5,448,888	0.8	5,490,854	0.8
Available Funds	2,460,960	-0.3	3,471,872	41.1	3,602,186	3.8	385,230	-89.3	250,000	-35.1	125,000	-50.0	0	-100.0
TOTAL	55,422,957	2.0	58,733,402	6.0	60,507,864	3.0	58,170,816	-3.9	59,204,394	1.8	60,414,697	2.0	61,627,489	2.0

PROPERTY TAX LEVY BY CLASS OF PROPERTY

Residential (87.55%)	32,281,386	33,356,881	34,513,136	35,597,296	36,686,175	37,819,088	38,953,639
Commercial (3.18%)	1,170,849	1,209,858	1,251,795	1,291,118	1,330,611	1,371,702	1,412,853
Industrial (6.76%)	2,490,912	2,573,900	2,663,120	2,746,776	2,830,797	2,918,215	3,005,760
Personal (2.51%)	927,027	957,912	991,116	1,022,250	1,053,519	1,086,053	1,118,634
TOTAL	36,870,175	38,098,551	39,419,167	40,657,440	41,901,103	43,195,059	44,490,885

NOTES: Local Receipts Other includes revenues from permits, licenses, fines and solid waste and other fees. Available Funds Other includes Water Surplus, Stabilization Fund, Overlay Reserve, Revolving Accounts, Golf Course Capital, Open Space and other special purpose funds.

ALLOCATION OF FY13 OMNIBUS BUDGET

Department	Budget	Budget % of Total Budget	Allocated Benefits	Allocated Debt	Allocated Fuels	Allocated OPEB	Budget and Allocated	Budget and Allocated % of Total Budget
Board of Selectmen	\$411,507	0.79%	\$50,677			6,367	\$468,551	0.88%
Finance Committee	1,767	0.00%	4				1,771	0.00%
Town Accountant	77,800	0.15%	24,567			7,028	109,394	0.20%
Board of Assessors	180,871	0.35%	43,032			6,824	230,727	0.43%
Treasurer/Collector	290,338	0.56%	81,449			16,658	388,445	0.73%
Reserve Fund	0	0.00%					0	0.00%
Technology	91,034	0.17%	18,896			1,810	111,741	0.21%
Town Clerk	126,257	0.24%	35,584			9,383	171,224	0.32%
Elections	22,873	0.04%	104				22,977	0.04%
Conservation Commission	41,695	0.08%	5,427				47,122	0.09%
Planning Board	74,472	0.14%	12,211				86,683	0.16%
Zoning Board of Appeals	3,993	0.01%	699				4,692	0.01%
Public Buildings	207,830	0.40%		209,460			417,290	0.78%
Employee Benefits	5,796,058	11.14%					1,341,680	2.51%
Police Department	2,293,299	4.41%	527,184	557,525	47,868	72,746	3,498,622	6.54%
Auxiliary Police	12,464	0.02%			2,417		14,881	0.03%
Fire Department	722,665	1.39%	116,556	315,310	13,109	155,041	1,322,681	2.47%
Building Inspector	120,118	0.23%	37,408		722	8,629	166,877	0.31%
Sealer of Weights and Measures	1,000	0.00%	36				1,036	0.00%
Emergency Management	9,798	0.02%					9,798	0.02%
Animal Control Officer	38,000	0.07%					38,000	0.07%
School	28,733,464	55.23%	2,922,148	4,138,095		1,066,726	36,860,433	68.87%
Keefe Technical School	549,683	1.06%					549,683	1.03%
Highway Department	1,186,663	2.28%	231,623		77,983	51,639	1,547,908	2.89%
Snow and Ice Removal	285,957	0.55%					285,957	0.53%
Street Lighting	52,961	0.10%					52,961	0.10%
Solid Waste	1,051,672	2.02%					1,051,672	1.96%
Wastewater Treatment	67,731	0.13%		319,208			386,939	0.72%
Motor Vehicle Fuels	142,099	0.27%					(0)	0.00%
Board of Health	122,136	0.23%	21,439			6,618	150,193	0.28%
Council on Aging	167,701	0.32%	35,056			5,006	207,763	0.39%
Youth and Family Services	107,973	0.21%	31,132			4,723	143,828	0.27%
Veterans Services	26,499	0.05%	9,103				35,602	0.07%
Library	435,415	0.84%	77,149			18,726	531,290	0.99%
Park Commission	89,845	0.17%	23,790			2,211	115,846	0.22%
Debt Service	5,703,838	10.96%					164,239	0.31%
Ambulance	339,092	0.65%				26,583	365,675	0.68%
Water Department	2,434,891	4.68%	149,106			33,282	2,617,279	4.89%
Omnibus Total	\$52,021,459	100.00%	\$4,454,378	\$5,539,599	\$142,099	\$1,500,000	\$53,521,459	100.00%
OPEB	1,500,000							
Total	\$53,521,459						\$53,521,459	

FY13 WAGES AND BENEFITS

DEPARTMENT DESCRIPTION	WAGES	DISABILITY	HEALTH INSURANCE	LIFE INSURANCE	MEDICARE	CTY RETIREMENT ASSESSMENT	BENEFIT TOTAL	WORKERS COMP
SELECTMEN	201,205.25	809.81	14,579.85	29.70	1,345.61	33,795.41	50,560.38	181.08
TOWN ACCOUNTANT	71,420.40	291.02	11,035.35	29.70	892.50	12,276.94	24,525.51	64.28
ASSESSOR	164,082.81	581.60	15,627.45	59.40	2,139.62	24,528.19	42,936.26	147.67
TREASURER/COLLECTOR	237,582.09	967.36	36,593.85	89.10	2,992.75	40,668.28	81,311.34	213.82
TECHNOLOGY DEPARTMENT	77,295.12	317.12	4,145.70	29.70	1,072.29	13,286.78	18,851.59	69.57
TOWN CLERK	119,131.15	420.15	14,501.70	29.70	1,570.56	18,993.25	35,515.36	106.71
ELECTIONS DEPARTMENT	7,927.65	0.00	0.00	0.00	99.44	0.00	99.44	7.13
CONSERVATION COMMISSION	43,620.33	110.97	0.00	0.00	632.35	4,657.91	5,401.23	39.26
PLANNING BOARD	64,131.67	219.47	0.00	0.00	929.97	11,024.03	12,173.47	57.72
ZONING BOARD OF APPEALS	3,734.90	0.69	0.00	0.00	54.19	642.02	696.90	3.36
POLICE DEPARTMENT	2,273,854.92	8,017.13	113,021.17	550.80	22,244.07	332,919.83	476,753.00	50,430.76
FIRE DEPARTMENT	829,590.76	906.39	303,569.55	977.94	9,804.87	38,785.04	354,043.79	14,584.10
BUILDING DEPARTMENT	158,101.71	473.09	14,317.80	59.40	2,121.85	19,840.27	36,812.41	923.04
COMMUNITY PRESERVATION COM.	1,796.28	0.00	0.00	0.00	26.03	0.00	26.03	0.16
HIGHWAY DEPARTMENT	750,526.25	2,721.49	89,020.80	237.60	9,124.31	115,631.93	216,736.13	23,079.98
WATER DEPARTMENT	529,281.37	1,953.60	51,916.35	205.20	6,256.29	81,939.97	142,271.41	10,595.92
BOARD OF HEALTH	114,761.09	383.93	15,154.50	59.40	620.37	16,092.63	32,310.83	212.43
COUNCIL ON AGING	147,866.91	542.32	8,411.85	29.70	2,030.63	22,515.52	33,530.02	2,365.45
YOUTH & FAMILY SERVICES	106,463.56	436.96	10,816.05	59.40	1,415.41	18,300.74	31,028.56	159.70
METROWEST VETERANS DISTRICT	52,260.08	192.78	0.00	29.70	757.50	8,092.40	9,072.38	47.03
LIBRARY	290,532.45	777.08	36,777.75	59.40	3,755.56	35,610.22	76,980.01	261.48
PARK/RECREATION	143,217.06	313.05	5,063.10	59.40	2,003.56	14,254.35	21,693.46	3,251.13
TOTAL TOWN	\$6,388,383.81	\$20,436.01	\$744,552.82	\$2,595.24	\$71,889.73	\$863,855.70	\$1,703,329.50	\$106,801.78
MILLER ELEMENTARY	4,904,237.77		255,397.50	1,193.40	66,124.94	50,406.21	373,122.05	29,508.08
PLACENTINO SCHOOL	4,236,324.56		262,815.00	958.50	53,205.26	32,810.83	349,789.59	26,242.33
SUBSTITUTES/TUTORS	425,388.99		0.00	32.40	4,857.31		4,889.71	2,731.21
HIGH SCHOOL	6,738,825.83		385,413.30	1,523.88	88,967.78	63,146.96	539,051.92	41,544.56
ADAMS MIDDLE SCHOOL	5,082,604.89		270,459.70	957.96	67,952.08	22,212.70	361,582.44	31,003.89
SCHOOL ADMINISTRATION	622,711.98		26,324.40	59.40	8,726.29		35,110.09	3,359.90
SCHOOL CAFETERIA	295,207.63		35,160.06	99.90	3,927.50	41,669.67	80,857.13	9,342.97
TEACHERS AIDES	1,865,848.39		260,292.19	629.10	24,146.22	286,509.26	571,576.77	11,225.46
SCHOOL CLERICAL	301,363.82		39,204.60	137.70	3,825.16	51,803.47	94,970.93	1,838.32
CUSTODIANS/MAINTENANCE	409,561.83		42,696.60	132.30	5,475.37	64,026.42	112,330.69	12,606.68
BUS DRIVERS	133,963.06		9,273.00	64.80	1,844.09	18,505.19	29,687.08	5,210.50
EXTENDED DAY/AFTER SCHOOL	783,262.41		87,859.06	267.30	10,428.64	126,273.59	224,828.59	4,777.90
NURSES/MISC.	318,228.11		20,418.60	94.50	4,362.29		24,875.39	1,942.53
COACHES	124,872.12		0.00		1,745.88		1,745.88	749.99
SUMMER LEARNERS PROGRAM	15,477.50		0.00		224.44		224.44	94.41
TOTAL SCHOOL	\$26,257,878.89	\$0.00	\$1,695,314.01	\$6,151.14	\$345,813.25	\$757,364.30	\$2,804,642.70	\$182,178.73
RETIREEES-DIRECT BILL			155,089.80	361.26				
RETIREEES-MIDDLESEX RETIREMENT			205,027.20	1,142.00				
RETIREEES-TEACHERS RETIREMENT			635,018.40	2,689.20				
TOTAL RETIREEES			\$995,135.40	\$4,192.46				
TOTAL TOWN, SCHOOL, RETIREEES	\$32,646,262.70	\$20,436.01	\$3,435,002.23	\$12,938.84	\$417,702.98	\$1,621,220.00	\$4,507,972.20	\$288,980.51

NOTES:

- Employee wages and benefits are charged to the employee "home" department if they work in more than one location.
- The Metrowest Veterans Districts wages and benefits are included in the above number as they are part of our payroll/accounting system.
- The total Middlesex Retirement Assessment for FY13 is broken down as follows:

NORMAL COST	\$474,731.00	PAYMENT OF MIDDLESEX RETIREMENT ON JULY 1: \$1,666,402
UNFUNDED ACCRUED LIABILITY	\$1,146,489.00	
PAYMENT ON 2002 ERI	\$56,921.00	
PAYMENT ON 2013 ERI	\$21,125.00	
TOTAL RETIREMENT ASSESSMENT	\$1,699,266.00	
- The total cost of workers comp for FY13 was \$144,618.22 after departmental charge backs and credits from various vendors.
- \$6,574,260.78 was contributed by the Commonwealth of Mass on behalf of the Town for employees enrolled in the Mass. Teachers Retirement System

RESERVE FUND FY13

Appropriation		\$212,675.00
Transfers		
Council on Aging	Repairs & Maintenance	\$ 1,950.00
Planning Board	Purchased Services	\$ 3,336.50
Highway Department	Purchased Services	\$ 6,000.00
Council on Aging	Purchased Services	\$ 1,303.00
Highway Department	Capital	\$ 21,277.00
Council on Aging	Purchased Services	\$ 675.00
Snow & Ice Removal	Personal Services	\$ 3,917.19
Finance Committee	Personal Services	\$ 245.29
Snow & Ice Removal	Supplies and Materials	\$ 8,884.88
Snow & Ice Removal	Purchased Services	\$ 23,155.56
Planning Board	Purchased Services	\$ 400.00
Total Transfers		\$ 71,144.02
Balance		\$141,532.98

RESERVE FUND FY14

Appropriation		\$212,675.00
Transfers		
Board of Health	Purchased Services	\$ 1,225.25
Highway Department	Purchased Services	\$ 10,000.00
Treasurer/Collector	Personal Services	\$ 8,000.00
Board of Health	Purchased Services	\$ 1,638.50
Total Transfers		\$ 20,863.75
Balance (March 31, 2014)		\$191,811.25

REVOLVING ACCOUNTS FY13

School Department	Balance 7/1/12	Receipts	Expenses	Balance 6/30/13
Cafeteria	0	494,540	493,031.53	1,509
Elem. After School	7,268	2,147	2,136.74	7,278
Adult Education	2,096	2,535	0	4,631
Industrial Arts	16,626	514	0	17,140
Drama	1,280	10,531	6,987.02	4,824
School Tuition	384,113	572,545	690,756.38	265,901
Cable Studio	0	12,280	12,280	0
Extended Day Care	166,085	1,075,157	1,125,611	115,630
Athletic	123,785	230,724	268,554	85,956
School Community Use	7,505.24	71,315.38	78,821	0
School programs	0	0	0	0
SPED Tuition Non-resident	0	27,000	27,000	0
Student Bus Program	129,878	190,762	201,361	119,279
SPED 50-50	783,893	872,660	783,893	872,660
School Choice	508,575	690,073	913,809	284,839
High School Parking Lot	8,819	11,860	20,160	519
High School Transcripts	16,228	0	0	16,228
Miller Student Revolving	4,460	0	0	4,460
Middle Student Revolving	3,174	2,770	624	5,320
Lost Books/Middle School	1,415	0	0	1,415
High Sch. Student Revolving	17,934	6,750	24,534	150
Lost Books/High School	2,673	1,460	0	4,133
Total School Department	2,185,806	4,275,622	4,649,558	1,811,870
Park Department	251,909	293,562	296,008	249,463
Chapter 44, s.53e ½ Funds				
Agricultural Commission	1,408	1,384	1,155	1,637
Ambulance Fund	27,221	312,538	339,092	667
Assessors Abutters	1,805	3,050	3,274	1,581
Sealer of Weights/Measures	10,816	2,720	2,499	11,037
Fluorescent Bulb	875	541	541	875
Highway Banner	1,004	0	1,004	0
Health Inoculations	16,801	3,657	5,953	14,505
Senior Center Rentals	2,177	700	2,406	471
Senior Center Van	3,560	3,135	6,695	0
Composting Kit Fees	63	154	0	217
Emergency Management	105,259	14,279	1,624	117,914
Building Department	53,379	70,384	52,491	71,272
Town Hall Rental	4,345	12,050	11,316	5,079
Town Clerk-Passports	12,160	0	0	12,160
Conservation Fees	17,623	6,760	160	24,223
Conservation By-laws	52,618	14,788	7,167	60,239
Total Chapter 44, s. 53e ½	311,113	446,141	435,377	321,877
Grand Total Revolving	2,748,828	5,015,325	5,380,943	2,383,210

Note: The Response and Recovery, Accident Fee, Cost of Prosecution and Senior Center Nutrition accounts were at \$0 with no activity in FY13.

TOWN OF HOLLISTON													
CAPITAL IMPROVEMENTS - ALL DEPARTMENTS													
Page 1	Actual	Actual	Actual	Actual	Actual	Actual	Scheduled	Scheduled	Scheduled	Scheduled	Scheduled	Scheduled	Total
DEPARTMENT AND ITEMS	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY15-FY20
Technology													
Computer System Upgrade			17,000	77,271		102,000			9,800	7,775	8,350		
Technology, Subtotal	\$0	\$0	\$17,000	\$77,271	\$0	\$102,000	\$0	\$0	\$9,800	\$7,775	\$8,350	\$0	\$25,925
Town Clerk													
Voting System	16,567												
Town Clerk, Subtotal	\$16,567	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Council on Aging													
Building/Site Improvements					2,500	151,688	21,000						
Van		5,000											
Council on Aging, Subtotal	\$0	\$5,000	\$0	\$0	\$154,188	\$172,688	\$21,000	\$0	\$0	\$0	\$0	\$0	\$21,000
Fire Department													
Rescue/Spill Vehicle								425,000					
Building Improvements					25,000								
Ambulance		185,000				190,000		200,000					
Chief's Car	45,000						50,000						
Alarm System							38,500						
Ladder Truck			850,000										
Engines						375,000							
Forest Fire Trucks						48,500							
Fire Department, Subtotal	\$45,000	\$185,000	\$850,000	\$0	\$25,000	\$613,500	\$88,500	\$625,000	\$0	\$0	\$0	\$0	\$713,500
Highway/Public Facilities Dep.													
2009 Chevrolet Pickup w/plow (S2)		36,000									40,000		
1995 Johnston Sweeper (S23)			146,000										
Truck Lift							30,000						
1995 John Deere Backhoe (S21)					60,000								
1998 Chevy Pickup (S3)							40,000						
1996 Ford L-8000 Dump (S14)					110,000								
2008 Trackless (S24)	85,000							115,000		120,000			
2008 Chevrolet Silverado (S1)	37,000									40,000			
1997 Ford L-8000 (S8)						130,000							
2001 Sterling Basin Cleaner (S13)											200,000		
1998 John Deere 624H Loader (S19)								160,000					
1984 Ingersoll Rand Compr. (S31)								25,000					
1999 Sterling Dump (S15)							130,000						
Building/Facility							62,000						
2005 Chevrolet Dump Truck (S6)							50,000						
2005 Chevrolet 1 Ton (S9)													
2007 John Deere Loader (S18)	25,425	25,425											
1992 John Deere Tractor (G4)							35,000						
1996 Trackless (S16)													
1985 Mack Dump (S10)													
1998 Bombardier Plow (S27)				130,000									
2000 Ingersoll Rand Roller (S28)													
2000 Tenco Snowblower (S29)							98,000						
1998 Morbark Chipper (S30)													
2001 Chevy Pickup (G1)								37,000					
2010 Chevy Rack Dump Truck (G3)		30,000										50,000	

TOWN OF HOLLISTON													
CAPITAL IMPROVEMENTS - ALL DEPARTMENTS													
Page 2	Actual	Actual	Actual	Actual	Actual	Actual	Scheduled	Scheduled	Scheduled	Scheduled	Scheduled	Scheduled	Total
DEPARTMENT AND ITEMS	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY15-FY20
Highway/Public Facilities (cont.)													
2001 John Deere Tractor (G6)								55,000					
1997 Compact Roller (S26)								25,000					
2004 Atlas Compressor							15,000						
1999 Skid Steer Loader (S17)							40,000						
1997 5 Ton Trailer (S33)								12,000					
1998 GMC Bucket Truck (S7)									200,000				
2008 Chevy Dump Truck (S4)										50,000			
2008 Chevy Dump Truck (S5)										50,000			
2009 Allianz Sweeper (S23)											150,000		
2010 Chevy Chassis Cab (G2)												50,000	
Street Signs	6,250												
Highway Department, Subtotal	\$153,675	\$91,425	\$146,000	\$130,000	\$170,000	\$130,000	\$500,000	\$429,000	\$200,000	\$260,000	\$390,000	\$100,000	\$1,879,000
Library													
Exterior Repairs	48,000			3,500			60,000	30,000					
Interior Repairs					7,678								
Library, Subtotal	\$48,000	\$0	\$0	\$3,500	\$7,678	\$0	\$60,000	\$30,000	\$0	\$0	\$0	\$0	\$90,000
Park Department (1)													
Field Irrigation/Repairs			16,900						42,000				
Building and Field Repairs			213,874	20,000	300,000	18,200							
Mission Springs Facility								20,000					
Stoddard Park								100,000					
Patoma Tennis/Basketball Surface							105,000						
Patoma Camp Facility									500,000				
Park Department, Subtotal	\$0	\$0	\$230,774	\$20,000	\$300,000	\$18,200	\$105,000	\$120,000	\$542,000	\$0	\$0	\$0	\$767,000
Pinecrest Golf Course													
Course Improvements	13,598												
Pinecrest Golf Course, Subtotal	\$13,598	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Police Department													
Cruiser Replacement	93,000	28,000	58,000	90,000	98,000	86,634	100,000	100,000	70,000	100,000	94,000		
Equipment					2,200	4,000	72,000	24,000	12,000				
Police Department, Subtotal	\$93,000	\$28,000	\$58,000	\$90,000	\$100,200	\$90,634	\$172,000	\$124,000	\$82,000	\$100,000	\$94,000	\$0	\$572,000
Schools													
Technology					57,900		250,000						
Building Improvements					246,000	119,300	330,426						
Replacement Equipment	25,000	298,115	164,279	126,500	106,452	186,659	628,000						
Schools, Subtotal	\$25,000	\$298,115	\$164,279	\$126,500	\$410,352	\$305,959	\$1,208,426	\$0	\$0	\$0	\$0	\$0	\$1,208,426
Town Hall													
Exterior Renovations				735,000									
Town Hall, Subtotal	\$0	\$0	\$0	\$735,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Department													
Redevelop/Treat Wells		225,000	2,250,000	2,500,000	297,031								
Storage Tanks	797,152												
Trucks, Equipment, Facilities	100,000					49,000							
System Improvements	65,000			1,001,882									
Water Search/Source Development													
New wells/automation	25,000	50,000			1,500,000		30,000						
Water Mains							60,000						
Water Department, Subtotal	\$987,152	\$275,000	\$2,250,000	\$3,501,882	\$1,797,031	\$49,000	\$90,000	\$0	\$0	\$0	\$0	\$0	\$90,000

TAX LEVY ANALYSIS

	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014
	(NOTE)	(NOTE)	(NOTE)	(NOTE)	(NOTE)	(NOTE)	(NOTE)	(NOTE)	(NOTE)	(NOTE)	(NOTE)	(NOTE)	(NOTE)
EXPENDITURES:													
Town Meeting Votes	36,251,258	36,396,810	38,715,221	39,804,789	42,993,491	48,079,147	48,658,216	47,650,523	48,873,970	50,054,648	52,263,452	54,514,289	56,261,223
Overlay/Debt/Snow Deficit	343,819	263,590	470,332	233,213	284,365	60,250	195,646	82,619	88,553	105,403	20,690	48,061	3,633
State Aid Offsets	27,710	25,665	737,240	789,302	655,344	586,590	648,666	639,904	640,631	685,048	716,750	718,762	710,306
State/County Charges	71,375	95,239	148,239	212,722	334,456	488,700	590,961	546,805	358,033	427,598	425,274	361,274	296,475
Overlay	157,821	139,199	144,316	317,982	130,289	157,975	133,953	374,616	132,477	274,999	294,249	269,083	282,584
Excluded Debt	5,707,517	4,287,255	3,536,083	3,415,491	1,733,855	2,311,506	2,426,797	2,370,546	2,905,657	2,796,216	2,766,893	2,733,369	2,697,180
TOTAL EXPENDITURES:	42,559,500	41,207,758	43,751,431	44,773,500	46,131,800	51,684,168	52,654,239	51,665,013	52,999,321	54,343,912	56,487,307	58,644,838	60,251,401
TAX LEVY:	23,660,165	24,030,162	25,697,193	26,621,055	27,913,207	29,356,767	30,787,781	32,014,907	33,617,610	35,590,640	36,608,104	37,858,724	39,181,206
Tax Levy Limit:	19,059,675	20,291,409	21,316,253	22,755,303	23,802,039	26,838,219	28,020,367	29,086,391	30,392,577	31,492,238	33,628,242	34,955,934	36,257,858
New Growth:	743,097	498,503	868,923	466,115	531,589	498,725	356,599	564,613	331,231	320,768	475,040	409,318	464,129
Excluded Debt:	3,873,449	3,276,511	3,536,083	3,415,491	1,733,855	2,035,554	2,426,797	2,370,546	2,905,657	2,796,216	2,766,893	2,733,369	2,697,180
Override:	0	0	0	0	1,850,000	0	0	0	0	986,598	0	0	0
MAXIMUM LEVY LIMIT:	23,676,221	24,066,423	25,721,259	26,636,909	27,917,483	29,372,498	30,803,763	32,021,550	33,629,465	35,595,820	36,870,175	38,098,621	39,419,167
LEVY +/- LIMIT:	(16,056)	(36,261)	(24,065)	(15,853)	(4,276)	(15,731)	(15,982)	(6,643)	(11,855)	(5,180)	(262,070)	(239,897)	(237,961)
TOTAL ASSESSED VALUE:	1,341,279,171	1,484,259,559	1,732,784,445	1,832,144,215	1,971,271,653	2,199,008,748	2,120,370,599	2,070,821,863	2,061,165,463	1,983,870,700	1,998,259,000	2,033,229,010	1,970,885,610
TAX RATE:	17.64	16.19	14.83	14.53	14.16	13.35	14.52	15.46	16.31	17.94	18.32	18.62	19.88
OTHER FUND SOURCES:													
State Aid	11,169,783	11,125,110	9,964,353	10,069,475	11,077,188	11,522,082	11,696,363	12,064,799	11,183,651	10,963,132	10,825,159	11,385,837	11,457,627
Local Receipts	3,468,946	3,605,014	4,512,505	4,691,827	5,070,369	6,111,406	6,067,072	5,732,401	5,542,647	5,320,825	5,246,055	5,393,919	5,420,998
Available Funds	4,260,606	2,447,472	3,577,380	3,391,142	2,071,036	4,693,914	4,103,023	1,852,906	2,655,413	2,469,315	3,807,989	4,006,358	4,191,570
TOTAL OTHER FUNDING:	18,899,335	17,177,596	18,054,238	18,152,444	18,218,593	22,327,402	21,866,458	19,650,106	19,381,711	18,753,272	19,879,203	20,786,114	21,070,195
PER CAPITA:													
Expenditures	2,853	2,788	2,918	3,051	3,098	3,491	3,536	3,469	3,559	3,645	3,788	3,901	4,064
Property Taxes	1,586	1,611	1,722	1,784	1,871	1,968	2,064	2,146	2,253	2,385	2,454	2,518	2,643
State Aid	749	746	668	675	742	772	784	809	751	735	726	757	773
Local Receipts	233	244	301	320	340	413	407	385	372	357	352	359	366
Available Funds	286	166	239	231	139	317	276	124	178	166	255	267	283
Assessed Value	89,898	99,481	116,138	122,798	132,123	147,387	142,116	138,795	138,148	132,967	133,932	135,251	132,952
AVERAGE SINGLE FAMILY HOUSE:													
Assessed Value	267,355	295,700	344,800	364,500	391,981	435,173	414,223	398,244	394,400	376,485	377,499	380,756	363,184
Property Tax	4,716	4,787	5,113	5,296	5,550	5,810	6,015	6,157	6,433	6,754	6,916	7,090	7,220
% CHANGE IN SPENDING	16.03%	-3.18%	6.17%	2.34%	3.03%	12.04%	1.88%	-1.88%	2.58%	2.54%	3.94%	3.82%	2.74%

NOTE: The amount shown for excluded debt reflects the net after SBAB reimbursements.

HOLLISTON LONG TERM DEBT SCHEDULE

FISCAL YEAR							OUTSIDE THE LEVY LIMIT					GRAND TOTALS	
	FIRE	LAND	WATER	TOWN HALL	GOLF COURSE	TOTAL	ELEMENT. SCHOOL	HIGH&MIDDLE SCHOOL	SEWERS	POLICE	TOTAL	ALL ITEMS	CHANGE
2000	37,606	0	117,856	0	0	155,462	761,271	0	0	0	761,271	916,733	
2001	161,584	0	113,795	0	0	275,379	2,324,427	0	0	0	2,324,427	2,599,806	1,683,073
2002	159,931	0	0	0	0	159,931	2,342,738	0	0	0	2,342,738	2,502,669	-97,138
2003	179,788	0	0	0	0	179,788	2,355,616	1,588,613	332,603	0	4,276,832	4,456,619	1,953,950
2004	174,931	103,240	0	270,535	170,148	718,854	2,364,794	2,029,116	338,270	0	4,732,180	5,451,033	994,414
2005	170,244	98,088	0	265,173	168,638	702,141	2,373,231	2,028,241	340,658	0	4,742,129	5,444,271	-6,763
2006	164,411	0	0	259,810	180,063	604,284	2,376,190	2,031,316	349,054	0	4,756,559	5,360,842	-83,428
2007	155,960	0	714,247	254,448	176,000	1,300,655	2,397,543	2,028,166	354,005	0	4,779,714	6,080,369	719,527
2008	148,520	0	615,800	249,085	171,938	1,185,343	2,276,568	2,032,103	353,400	0	4,662,070	5,847,412	-232,957
2009	143,376	0	602,675	248,723	162,875	1,157,649	2,274,880	2,027,578	351,998	0	4,654,456	5,812,105	-35,308
2010	138,164	0	590,425	238,198	128,975	1,095,761	2,279,224	2,019,603	355,211	599,525	5,253,563	6,349,324	537,219
2011	118,123	0	608,702	232,835	126,050	1,085,710	2,282,455	1,933,284	338,815	589,025	5,143,578	6,229,288	-120,035
2012	114,145	0	771,400	226,648	122,675	1,234,868	2,280,255	1,890,503	322,066	578,525	5,071,348	6,306,216	76,927
2013	100,645	0	751,800	215,460	119,300	1,187,205	2,280,555	1,869,065	317,306	568,025	5,034,951	6,222,156	-84,060
2014	87,645	0	730,450	209,460	115,925	1,143,480	2,282,405	1,855,690	319,208	557,525	5,014,828	6,158,308	-63,848
2015	84,845	0	704,100	203,860	112,775	1,105,580	2,281,455	1,841,541	315,465	547,025	4,985,485	6,091,065	-67,243
2016	77,145	0	684,700	198,180	109,580	1,069,605	2,283,355	1,820,866	316,657	531,525	4,952,403	6,022,008	-69,058
2017	74,270	0	663,550	192,340	106,295	1,036,455	2,282,305	1,808,741	328,755	517,725	4,937,526	5,973,981	-48,027
2018	71,020	0	639,300	186,340	102,920	999,580	2,287,180	1,788,616	311,502	503,925	4,891,223	5,890,803	-83,178
2019	66,048	0	616,363	180,180	99,455	962,046	2,281,203	1,770,990	309,587	490,125	4,851,904	5,813,950	-76,853
2020	34,950	0	595,175	173,780	95,855	899,760	2,284,800	1,755,491	311,864	472,875	4,825,030	5,724,790	-89,160
2021	0	0	574,425	187,380	57,255	819,060	0	1,752,240	297,500	459,075	2,508,815	3,327,875	-2,396,915
2022	0	0	553,675	0	0	553,675	0	1,725,375	294,000	445,275	2,464,650	3,018,325	-309,550
2023	0	0	373,100	0	0	373,100	0	260,625	0	431,475	692,100	1,065,200	-1,953,125
2024	0	0	359,450	0	0	359,450	0	0	0	412,675	412,675	772,125	-293,075
2025	0	0	345,719	0	0	345,719	0	0	0	399,075	399,075	744,794	-27,331
2026	0	0	331,906	0	0	331,906	0	0	0	385,475	385,475	717,381	-27,413
2027	0	0	0	0	0	0	0	0	0	371,450	371,450	371,450	-345,931
2028	0	0	0	0	0	0	0	0	0	222,425	222,425	222,425	-149,025
2029	0	0	0	0	0	0	0	0	0	213,713	213,713	213,713	-8,713
TOTAL	2,463,352	201,328	12,058,612	3,992,433	2,326,720	21,042,444	46,952,448	37,857,756	6,557,924	9,296,463	100,664,591	121,707,035	

The above debt schedules include those projects which have been permanently financed and reflects refinancing of school, fire and sewer debt in 2010. The school figures do not include SB reimbursements. Short term borrowing is not included above but is included in the Debt Service budget in the Omnibus Budget.

FREE CASH ANALYSIS

FISCAL YEAR	CERTIFIED JULY 1	TRANSFERS	7/1 BALANCE AS % OF	
			OMNIBUS BUDGET	TAX LEVY
2002	1,962,411	1,962,411	5.14%	8.29%
2003	574,474	574,474	1.43%	2.39%
2004	631,408	631,408	1.57%	2.46%
2005	258,447	258,447	0.61%	0.97%
2006	758,141	758,141	1.74%	2.72%
2007	1,094,926	1,094,926	2.36%	3.73%
2008	882,642	882,642	1.84%	2.87%
2009	582,828	582,828	1.20%	1.82%
2010	206,643	206,643	0.42%	0.61%
2011	604,887	604,887	1.20%	1.70%
2012	1,084,078	1,084,078	2.12%	2.96%
2013	1,819,966	1,819,966	3.45%	4.81%
2014	1,358,776	1,358,776	2.54%	3.46%
AVERAGE	909,202	909,202	1.97%	2.98%
AVERAGE 10-14	1,014,870	1,014,870	1.95%	2.71%

31-Mar-14

CAPITAL EXPENDITURE FUND

FISCAL YEAR	BALANCE JULY 1	TRANSFERS IN	CELL TOWERS AND INTEREST	TRANSFERS OUT	BALANCE JUNE 30	JULY 1 BALANCE AS % OF		JUNE 30 BALANCE AS % OF	
						OMNIBUS BUDGET	TAX LEVY	OMNIBUS BUDGET	TAX LEVY
2002	2,089,675	0	165,555	135,000	2,120,230	5.58%	8.83%	5.67%	8.96%
2003	2,120,230	0	64,458	239,788	1,944,900	5.28%	8.82%	4.85%	8.09%
2004	1,944,900	0	46,644	195,000	1,796,544	4.84%	7.57%	4.47%	6.99%
2005	1,796,544	0	61,459	1,144,447	713,556	4.29%	6.75%	1.70%	2.68%
2006	713,556	0	55,903	293,000	476,459	1.64%	2.56%	1.13%	1.79%
2007	476,459	280,000	66,478	50,000	772,937	1.03%	1.62%	1.67%	2.63%
2008	772,937	0	63,403	0	836,340	1.61%	2.51%	1.74%	2.72%
2009	836,340	350,000	47,549	0	1,233,889	1.72%	2.61%	0.25%	3.85%
2010	1,233,889	0	47,736	350,059	931,566	2.49%	3.67%	1.88%	2.77%
2011	931,566	686,000	57,666	444,179	1,231,053	1.85%	2.62%	2.44%	3.46%
2012	1,231,053	350,000	71,537	350,000	1,302,590	2.41%	3.36%	2.55%	3.56%
2013	1,302,590	920,246	76,557	670,246	1,629,147	2.47%	3.44%	3.09%	4.30%
2014	1,629,147	1,008,776	72,797	1,007,293	1,703,427	3.04%	4.15%	3.18%	4.34%
AVERAGE	1,313,760	276,540	69,057	375,309	1,284,049	2.94%	4.50%	2.66%	4.32%

STABILIZATION FUND

FISCAL YEAR	BALANCE JULY 1	TRANSFERS IN	INTEREST	TRANSFERS OUT	BALANCE JUNE 30	JULY 1 BALANCE AS % OF		JUNE 30 BALANCE AS % OF	
						OMNIBUS BUDGET	TAX LEVY	OMNIBUS BUDGET	TAX LEVY
2002	1,080,158	1,154,050	30,706	0	2,264,914	2.81%	4.57%	5.90%	9.57%
2003	2,264,914	67,760	31,112	954,288	1,409,498	5.65%	9.43%	3.51%	5.87%
2004	1,409,498	0	5,717	290,000	1,125,215	3.51%	5.49%	2.80%	4.38%
2005	1,125,215	0	14,032	800,000	339,247	2.69%	4.38%	0.81%	1.32%
2006	339,247	0	10,355	35,795	313,807	0.78%	1.22%	0.72%	1.12%
2007	313,807	100,531	10,143	4,190	420,291	0.68%	1.07%	0.91%	1.43%
2008	420,291	0	17,725	52,735	385,281	0.87%	1.37%	0.80%	1.25%
2009	385,281	467,860	4,593	0	857,734	0.79%	1.20%	1.76%	2.68%
2010	857,734	0	4,436	73,988	788,182	1.73%	2.55%	1.59%	2.34%
2011	788,182	258,887	1,976	0	1,049,045	1.56%	2.21%	2.08%	2.95%
2012	1,049,045	1,111,687	7,796	0	2,168,528	2.05%	2.87%	4.24%	5.92%
2013	2,168,528	1,795,479	5,214	0	3,969,222	4.11%	5.73%	7.53%	10.48%
2014	3,969,222	1,900,000	17,975	100,000	5,787,197	7.41%	10.10%	10.81%	14.73%
AVERAGE	1,243,932	527,404	12,445	177,769	1,606,012	2.67%	4.01%	3.34%	4.93%

The Stabilization Fund balance includes \$3,295,479 that has been earmarked for OPEB. The Finance Committee has a goal of getting the Stabilization Fund balance to 8.1% of the Omnibus Budget.

**TOWN OF HOLLISTON
OVERLAY ANALYSIS**

FY	Total Overlay	Overlay % of Levy	Total Expended	Expended % of Levy	Transfers To Reserve	Balance
2002	157,821	0.67%	164,226	0.69%	0	-6,405
2003	139,199	0.58%	99,554	0.41%	38,903	742
2004	144,316	0.56%	146,349	0.57%	0	-2,033
2005	317,990	1.19%	217,309	0.82%	45,633	55,049
2006	130,289	0.47%	107,091	0.38%	0	23,198
2007	157,975	0.54%	167,232	0.57%	0	-9,257
2008	133,953	0.44%	142,445	0.46%	0	-8,492
2009	374,616	1.17%	338,063	1.06%	0	36,553
2010	132,477	0.39%	155,224	0.46%	0	-22,747
2011	274,999	0.77%	169,881	0.48%	0	105,118
2012	294,249	0.80%	147,526	0.40%	0	146,723
2013	269,083	0.71%	169,169	0.45%	0	99,914
2014	282,584	0.72%	114,540	0.29%	0	168,044
Totals:	2,809,551	N/A	2,138,609	N/A	84,536	418,363
Averages:	216,119	0.69%	164,508	0.54%	6,503	34,864



Lot 366.2 of Block 7 of AssessorsøMap 7 as referenced in Article 25 is shown as the shaded area on the map segment above.

Below is the text of the Stretch Energy Code that is referenced in Article 31 of the Warrant.

780 CMR: STATE BOARD OF BUILDING REGULATIONS AND STANDARDS

APPENDIX AA: STRETCH ENERGY CODE

The Stretch Energy Code is the *International Energy Conservation Code (IECC) 2009* with Massachusetts Amendments (780 CMR 115.AA).

101.1, 101.2, and 101.3 Replace as follows:

101.1 Title. This code shall be known as the Massachusetts Stretch Energy Code and shall be cited as such. It is referred to as "this code."

101.2 Scope. This code applies to new residential buildings, renovations of or additions to existing residential buildings, new commercial buildings, and additions to existing commercial buildings. Renovations of existing commercial buildings, and replacement or reconstruction of existing commercial building components and elements, are not subject to the provisions of this code. Buildings not included in this scope shall comply with Chapter 13 or 34 of the *International Building Code 2009* with Massachusetts Amendments (780 CMR 13.00 or 34.00) or for Single- and Two-family dwellings at 780 CMR 61.00, or 93.00, as applicable.

101.3 Purpose and Intent. The purpose of this code is to provide a more energy efficient alternative to the base code energy for new and existing buildings. A municipality seeking to ensure that construction within its boundaries is designed and built above the energy efficiency requirements of 780 CMR may mandate adherence to this code.

This code may be adopted or rescinded by any municipality in the commonwealth in the manner prescribed by law.

If adopted by a municipality, this code, rather than Chapter 13 or 34 of the *International Building Code 2009* with Massachusetts Amendments (780 CMR 13.00 or 34.00) or for Single- and Two-family dwellings at 780 CMR 61.00, or 93.00, as applicable, shall govern.

This code shall regulate the design and construction of buildings to provide flexibility, and, permit the use of innovative approaches and techniques to achieve effective energy use.

101.4.3 Replace Exceptions as follows

Exceptions:

1. Storm windows installed over existing fenestration.

2. Repairs to an existing sash and frame.
3. Existing ceiling, wall or floor cavities, of the building envelope, exposed or accessible during construction provided that any empty cavities are filled with insulation that meets or exceeds an R value of $R - 3.5/\text{inch}$.
4. Reroofing or residing over uninsulated roofs or walls where the sheathing is not exposed.
5. Replacement of existing doors that separate conditioned space from the exterior shall not require the installation of a vestibule or revolving door, provided, however, that an existing vestibule that separates a conditioned space from the exterior shall not be removed,
6. Alterations that replace less than 50% of the luminaires in a space, provided that such alterations do not increase the installed interior lighting power.
7. Alterations that replace only the bulb and ballast within the existing luminaires in a space provided that the alteration does not increase the installed interior lighting power.

104.1 Replace as follows:

104.1 General. Construction or work for which a permit is required shall be subject to inspection by the code official or approved inspection agencies.

104.5 Replace as follows:

104.5 Approved Inspection Agencies. The code official is authorized to require or accept reports of approved inspection agencies, provided such agencies satisfy the requirements as to qualifications and reliability.

107, 108 and 109 Delete.

202 Add definitions as follows:

FENESTRATION PRODUCT, FIELD-FABRICATED. A fenestration product including an exterior glass door whose frame is made at the construction site of standard dimensional lumber or other materials that were not previously cut, or otherwise formed with the specific intention of being used to fabricate a fenestration product or exterior door. Field fabricated does not include site-built fenestration with a label certificate or products required to have temporary or permanent labels.

FENESTRATION PRODUCT, SITE-BUILT. Fenestration designed to be field-glazed or field assembled units using specific factory cut or otherwise factory formed framing and glazing units. Examples of site-built fenestration include storefront systems, curtain walls, and atrium roof systems.

FURNACE ELECTRICITY RATIO. The ratio of furnace electricity use to total furnace energy computed as $\text{ratio} = (3.412 \cdot \text{EAE}) / (1000 \cdot \text{EF} + 3.412 \cdot \text{EAE})$, where EAE (average annual auxiliary electrical consumption) and EF (average annual fuel energy consumption) are defined in 10 CFR Part 430, Subpart B, Appendix N and EF is expressed in millions of Btuø per year.

ON-SITE RENEWABLE ENERGY. Includes solar photovoltaic; active solar thermal that employs collection panels, heat transfer mechanical components and a defined heat storage system; wind; small hydro; tidal; wave energy; geothermal (core earth); biomass energy systems; landfill gas and bio-fuel based electrical production. Onsite energy shall be

generated on or adjacent to the project site and shall not be delivered to the project through the utility service.

301.1 through 301.3 Replace as follows:

301.1 General. Climate Zone 5 and moisture regime A (Moist) shall be used in determining the applicable requirements from Chapters 4 and 5 for locations in Massachusetts.

401 Replace as follows:

401.1 Scope. Chapter 4 applies to residential buildings.

401.2 New Construction. New low-rise (three stories or less) residential buildings including townhouses shall require a HERS (Home Energy Rating System) index rating as verified by a RESNET (Residential Energy Services Network) certified HERS rater.

1. For units equal to or greater than 3,000 sq. ft. in conditioned floor space, a HERS rating of 65 or less is required.
2. For units less than 3,000 sq. ft., a HERS rating of 70 or less is required.
3. In addition, all new construction shall demonstrate compliance with the Energy Star Qualified Homes Thermal Bypass Inspection Checklist¹

401.3 Prescriptive Option for Residential Additions. Additions to an existing building, building system or portion thereof shall conform to IECC 2009 Chapter 4, and shall further demonstrate compliance with: 1. The Energy Star Qualified Homes Thermal Bypass Inspection Checklist¹.

2. Fenestration U-factor requirements as listed in Energy Star program requirements for Residential Doors, Windows and Skylights - Version 5²
3. Ducts for new HVAC systems shall be sealed and tested post-construction to demonstrate leakage to outdoors of less than or equal to 4 cfm per 100 sq. ft. of conditioned floor area, except where the air handler and all ducts are located within *conditioned space*.

401.4 Performance Option for Residential Additions. The performance approach and HERS ratings of 401.2 may be followed in *lieu* of the prescriptive requirements of section 401.3

401.5 Prescriptive Option for Alterations, Renovations or Repairs. Alterations, renovations or repairs that involve accessing the building envelope shall require the affected portion of the envelope to comply with 401.3. Envelope insulation shall meet or exceed IECC 2009 requirements (Chapter 4, section 402) for climate zone 5, or fully fill existing cavities with insulating material which meets or exceeds an R value of R 3.5/inch.

401.6 Performance Option for Alternations, Renovations or Repairs. In all cases of alternations, renovations or repairs the performance approach of 401.2 may be followed in *lieu* of the prescriptive requirements of section 401.5 with the following HERS rating requirements:

1. For units equal to or greater than 2,000 sq. ft. in conditioned floor space, a HERS rating of 80 or less is required.
2. For units less than 2,000 sq. ft., a HERS rating of 85 or less is required.
3. Compliance with the Energy Star Qualified Homes Thermal Bypass Inspection Checklist.

¹ http://www.energystar.gov/ia/partners/bldrs_lenders_raters/downloads/Thermal_Bypass_Inspection_Checklist.pdf.

²

Chapter 5 Change title to:

CHAPTER 5 ADVANCED COMMERCIAL ENERGY EFFICIENCY

501.1 and 501.2 Replace as follows:

501.1 Scope. The requirements contained in this chapter are applicable to new construction of commercial buildings, or portions of commercial buildings.

Exceptions:

1. Commercial buildings less than 5,000 sq. ft.
2. Commercial buildings from 5,000 to 40,000 sq. ft. in area with these uses:
 - a. Supermarkets
 - b. Warehouses
 - c. Laboratories
 - d. A building of specialized use by variance to this code through appeal to the BBRS.

501.1.1 Buildings Greater than 100,000 sq. ft. Buildings greater than 100,000 sq. ft., and additions to such buildings greater than or equal to 30% of the existing conditioned floor area, shall be designed to achieve energy use per square foot equal to at least 20% below the energy requirements of *ASHRAE/IESNA Standard 90.1-2007, Energy Standard for Buildings Except for Low-Rise Residential Buildings*, Appendix G, measured by industry-accepted energy modeling.

501.1.2 Mandatory Requirements for Buildings Subject to 501.1.1. Buildings subject to 501.1.1 must comply with:

1. the mandatory requirements set forth in sections 502.4, 503.2, 504 and 505, or
2. the mandatory requirements of ASHRAE Standard 90.1-2007: 5.4, 6.4, 7.4, 8.4, 9.4, 10.4.
3. the lighting power density requirements of TABLE 505.5.2

501.1.3 Special Energy use Buildings. Buildings greater than 40,000 sq. ft. in area, and additions to such buildings greater than or equal to 30% of the existing conditioned floor area with these uses:

1. Supermarkets
2. Warehouses
3. Laboratories shall be designed to comply with the performance requirements of 501.1.1.

501.1.4 Performance Option for Buildings from 5,000 to 100,000 sq. ft. Buildings between 5,000 sq. ft. and 100,000 sq. ft., and additions to such buildings greater than or equal to 30% of the existing conditioned floor area where the addition has its own heating system, shall comply with the performance requirements of 501.1.1, or the prescriptive option 501.2.

501.2 Prescriptive Option for Buildings from 5,000 to 100,000 sq. ft. Buildings from 5,000 to 100,000 sq. ft., and additions to such buildings greater than or equal to 30% of the existing

conditioned floor area where the addition has its own heating system, shall comply with the requirements in sections 502, 503, 504, 505, and 507.

Compliance with section 507 requires complying with any ONE of the following prescriptive options:

1. 507.2.1 Efficient Mechanical Equipment
2. 507.2.2 Reduced Lighting Power Density
3. 507.2.3 On-Site Supply of Renewable Energy

Compliance with section 507 does not remove the requirement to comply with any other mandatory requirements in this code.

502.1.1 Delete from this section the last sentence.

Table 502.1.2, Table 502.2(1) and Table 502.2(2) Replace as follows:

**TABLE 502.1.2 - BUILDING ENVELOPE REQUIREMENTS
OPAQUE ELEMENT, MAXIMUM U-FACTORS**

Roofs	All Other	Group R
Insulation entirely above deck	U - 0.039	U - 0.039
Metal buildings (with R-5 thermal blocks)	U - 0.049	U - 0.049
Attic and other	U - 0.027	U - 0.027
Walls, Above Grade		
Mass, exterior insulation	U- 0.080	U- 0.071
Mass, interior insulation	U- 0.085	U- 0.085
Metal building	U- 0.061	U- 0.061
Metal framed	U- 0.064	U- 0.057
Wood framed and other	U- 0.051	U- 0.051
Walls, Below Grade^a		
Mass, exterior insulation	C- 0.119	C- 0.119
Mass, interior insulation	C- 0.063	C- 0.063
Floors		
Mass	U- 0.074	U- 0.064
Metal Joist	U- 0.033	U- 0.033
Wood Joist/Framing	U- 0.033	U- 0.033
Slab-on-Grade Floors		
Unheated slabs	F- 0.540	F- 0.520
Heated slabs	F- 0.580	F- 0.580

Opaque Doors		
Swinging	U- 0.37	U- 0.37
Roll-up or sliding	U- 0.50	U- 0.50

For SI: 1 inch = 25.4 mm. ci = Continuous Insulation

a. When heated slabs are placed below grade, below grade walls must meet the F-factor requirements for perimeter insulation according to the heated slab-on-grade construction.

TABLE 502.2 - BUILDING ENVELOPE REQUIREMENTS - OPAQUE ASSEMBLIES

Roofs	All Other	Group R	Note: IECC 2009 equivalent
Insulation entirely above deck	R-25 ci	R-25 ci	Zone 7
Metal buildings (with R-5 thermal blocks ^{a,b})	R-13 + R-19	R-19 + R-10	Zone 7
Attic and other	R-38	R-38	Zone 2-7
Walls, Above Grade			
Mass, exterior insulation	R-11.4 ci	R-13.3 ci	Zone 5
Mass, interior insulation	R-13	R-13	N/A
Metal building ^c	R-13 + R-5.6 ci	R-13 + R-5.6 ci	Zone 5-6
Metal framed	R-13 + R-7.5 ci	R-13 + R-7.5 ci	Zone 5-6
Wood framed and other	R-13 + R-7.5	R-13 + R-7.5	Zone 6
Walls, Below Grade^d			
Mass, exterior insulation	R-7.5 ci	R-7.5 ci	Zone 5-6
Mass, interior insulation	R-19	R-19	N/A
Floors			
Mass	R-10 ci	R-12.5 ci	Zone 5
Metal Joist	R-30	R-30	Zone 4-8
Wood Joist/Framing	R-30	R-30	Zone 4-8
Slab-on-Grade Floors			
Unheated slabs	R-10 for 24 in. below	R-15 for 24 in. below	Zone 6
Heated slabs	R-15 for 36 in. + R-5 ci below	R-15 for 36 in. + R-5 ci below	NBI Core Performance Values

Opaque Doors			
Swinging	U . 0.37	U . 0.37	
Roll-up or sliding	R . 4.75	R . 4.75	

For SI: 1 inch = 25.4 mm. ci ó Continuous Insulation. NR ó No Requirement

- Thermal blocks are a minimum R-5 of rigid insulation, which extends one-inch beyond the width of the purlin on each side, perpendicular to the purlin.
- The first R-value is for faced fiberglass insulation batts draped over purlins. The second R-value is for unfaced fiberglass insulation batts installed parallel to the purlins. A minimum R-3.5 thermal spacer block is placed above the purlin/batt, and the roof deck is secured to the purlins. Reference: ASHRAE/IESNA 90.1 Table A2.3 including Addendum öGö
- The first R-value is for faced fiberglass insulation batts installed perpendicular and compressed between the metal wall panels and the steel framing. The second *rated R-value of insulation* is for insulation installed from the inside, covering the girts. Reference: ASHRAE/IESNA 90.1 Table A3.2 Appendix öGö
- When heated slabs are placed below grade, below grade walls must meet the exterior insulation requirements for perimeter insulation according to the heated slab-on-grade construction.

502.3.2 and Table 502.3 Replace as follows:

502.3.2 Maximum *U*-factor and SHGC. For vertical fenestration, the maximum *U*-factor and solar heat gain coefficient (SHGC) shall be as specified in Table 502.3, which is uniformly set at 0.40. For skylights, the limit is set at 3% of roof area, but can be expanded to 5% of roof area in conjunction with automatic daylighting controls. In all cases, the maximum *U*-factor and solar heat gain coefficient (SHGC) shall be as specified in Table 502.3.

TABLE 502.3 - BUILDING ENVELOPE REQUIREMENTS: FENESTRATION

	All
Framing materials other than metal with or without metal reinforcement or cladding	
<i>U</i> -Factor	0.35
Metal framing with or without thermal break	
Curtain Wall/Storefront <i>U</i> -Factor	0.42
Entrance Door <i>U</i> -Factor	0.80
All Other <i>U</i> -Factor ^a	0.45
SHGC-All Frame Types	
SHGC	0.40
Skylights (3% maximum, or 5% maximum with automatic daylighting controls ^b)	
<i>U</i> -Factor	0.45

- a. All other includes operable windows, fixed windows and doors other than entrance doors.
- b. Automatic daylighting controls shall meet the requirements of section 505.2.2.1.3

502.4.1 and 502.4.2 Replace as follows:

502.4.0 Air Barriers. The building envelope shall be designed and constructed with a continuous air barrier to control air leakage into, or out of the conditioned space. An air barrier system shall also be provided for interior separations between conditioned space and space designed to maintain temperature or humidity levels which differ from those in the conditioned space by more than 50% of the difference between the conditioned space and design ambient conditions.

The air barrier shall have the following characteristics:

1. It must be continuous, with all joints made airtight.
2. Materials used for the air barrier system shall have an air permeability not to exceed 0.004 cfm/ft² under a pressure differential of 0.3 in. water (1.57psf) (75 Pa) when tested in accordance with ASTM E 2178. Air barrier materials shall be taped or sealed in accordance with the manufacturer's instructions.
3. It shall be capable of withstanding positive and negative combined design wind, fan and stack pressures on the envelope without damage or displacement, and shall transfer the load to the structure. It shall not displace adjacent materials under full load.
4. Air barrier materials shall be maintainable, or, if inaccessible, shall meet the durability requirements for the service life of the envelope assembly.
5. The air barrier material of an envelope assembly shall be joined and sealed in a flexible manner to the air barrier material of adjacent assemblies, allowing for the relative movement of assemblies due to thermal and moisture variations and creep. Connections shall be made between:
 - a. joints around *fenestration* and *door* frames
 - b. junctions between *walls* and foundations, between *walls* at building corners, between *walls* and structural *floors* or *roofs*, and between *walls* and *roof* or *wall* panels
 - c. openings at penetrations of utility services through *roofs*, *walls*, and *floors*
 - d. site-built *fenestration* and *doors*
 - e. building assemblies used as ducts or plenums
 - f. joints, seams, and penetrations of vapor retarders
 - g. all other openings in the *building envelope*.

502.4.0.1 Air Barrier Penetrations. All penetrations of the air barrier and paths of air infiltration/exfiltration shall be made air tight.

502.4.1 Window and Door Assemblies. The air leakage of window, skylight and door assemblies that are part of the building envelope shall be determined in accordance with AAMA/WDMA/CSA 101/I.S.2/A440, or NFRC 400 by an accredited, independent laboratory, and *labeled* and certified by the manufacturer. Window and skylight air leakage shall not exceed 0.2 cfm/ft² at 1.57 pounds per square foot (psf) (75Pa), or 0.3 cfm/ft² at 6.24 psf (300 Pa). Door assembly air leakage shall not exceed 0.3 cfm/ft² for all other products at 1.57 psf (75Pa).

Exceptions:

1. Site-constructed windows and doors that are sealed in accordance with section 502.4.8.
2. Commercial entrance doors covered by section 502.4
3. Garage doors shall be permitted to use air leakage determined by test at standard test conditions in accordance with ANSI/DASMA 105.
4. Doors and Access Openings to Shafts, Chutes, Stairwells, and Elevator Lobbies. These doors and access openings shall either meet the requirements of 502.4.3 or shall be equipped with weather seals, except weather seals on elevator lobby doors are not required when a smoke control system is installed.

502.4.2 Curtain Wall, Storefront Glazing and Commercial Entrance Doors. Curtain wall, *storefront* glazing and commercial-glazed swinging entrance doors and revolving doors shall be tested for air leakage at a pressure of at least 1.57 pounds per square foot (psf) (75 Pa) in accordance with ASTM E 283. For curtain walls and *storefront* glazing, the maximum air leakage rate shall be 0.06 cubic foot per minute per square foot (cfm/ft²) (1.1 m³/h × m²) of fenestration area. For commercial glazed swinging entrance doors and revolving doors, the maximum air leakage rate shall be 1.00 cfm/ft² (18.3 m³/h × m²) of door area when tested in accordance with ASTM E 283.

502.4.5 Replace as follows:

502.4.5 Outdoor Air Intakes and Exhaust Openings. Stair and elevator shaft vents and other outdoor air intakes and exhaust openings integral to the building envelope shall be equipped with not less than a Class I motorized, leakage-rated damper with a maximum leakage rate of 4 cfm per square foot (6.8 L/s □ C m²) at 1.0 inch water gauge (w.g.) (1250 Pa) when tested in accordance with AMCA 500D.

These air tight, operable dampers shall be installed when the air barrier is penetrated by:

1. Fixed open louvers such as in elevator shafts and machine rooms.
2. Mechanical system components which allow infiltration or exfiltration of air when the systems are inactive, such as atrium smoke exhaust systems, elevator shaft smoke relief openings, and other similar elements.

Such dampers shall be set in the closed position and automatically open upon:

1. the activation of any fire alarm initiating device of the building's fire alarm system;
2. the interruption of power to the damper.

Exception. Gravity (nonmotorized) dampers are permitted to be used in buildings less than three stories in height above grade plane.

502.4.7 Replace as follows:

502.4.7 Vestibules. Building entrances that separate *conditioned space* from the exterior shall be protected with an enclosed vestibule, with all *doors* opening into and out of the vestibule equipped with self-closing devices. Vestibules shall be designed so that in passing through the vestibule it is not necessary for the interior and exterior *doors* to open at the same time. Interior and exterior *doors* shall have a minimum distance between them of not less than seven feet when in the closed position. The exterior envelope of conditioned vestibules shall comply with the requirements for a conditioned space. The interior and exterior envelope of unconditioned vestibules shall comply with the requirements for a semi-heated space.

Exceptions:

1. *Building entrances* with revolving *doors*.
2. *Doors* not intended to be used as a *building entrance*.
3. *Doors* opening directly from a *dwelling unit*.
4. *Doors* that open directly from a *space* that is less than 3000 ft² in area and is separate from the *building entrance*.
5. *Doors* used primarily to facilitate vehicular movement or material handling and adjacent personnel doors.

502.5 Add sections:

502.5 Vapor Retarders. Class I or II vapor retarders are required on the interior side of walls.

Exceptions:

1. Basement walls.
2. Below grade portion of any wall.
3. Construction where moisture or its freezing will not damage the materials.

502.5.1 Class III Vapor Retarders. Class III vapor retarders shall be permitted where any one of the conditions in Table 502.5.1 are met.

TABLE 502.5.1 - CLASS III VAPOR RETARDERS

Climate Zone	Class III vapor retarders permitted for:
5	Vented cladding over OSB Vented cladding over Plywood Vented cladding over Fiberboard Vented cladding over Gypsum Insulated sheathing with R-value \geq R5 over 2x4 wall Insulated sheathing with R-value \geq R7.5 over 2x6 wall

502.5.2 Material Vapor Retarder Class. The vapor retarder class shall be based on the manufacturer's certified testing or a tested assembly. The following shall be deemed to meet the class specified:

Class I: Sheet polyethylene, non-perforated aluminum foil

Class II: Kraft faced fiberglass batts or low perm paint (paint with $0.1 < \text{perm}$

≤ 1.0) Class III: Latex or enamel paint

503.1 Add this note:

NOTE. Compliance path a. (Efficient Mechanical Equipment) in section 507 is not available for equipment installed according to the minimum performance values outlined in section 503.2.3. In this case, compliance can be met with one of the following paths:

- a. 507.2.2 Reduced Lighting Power Density
- b. 507.2.2.2 Reduced Lighting Power Density
- c. 507.2.3 On-Site Supply of Renewable Energy

503.2.1 Replace as follows:

503.2.1 Calculation of Heating and Cooling Loads. Design loads shall be determined in accordance with the procedures described in the ASHRAE/ACCA Standard 183. The design loads shall include an accurate representation of the building envelope, lighting, ventilation

and occupancy loads based on the specific design characteristics of the project. Heating and cooling loads shall be adjusted to account for load reductions that are achieved when energy recovery systems are utilized in the HVAC system in accordance with the *ASHRAE HVAC Systems and Equipment Handbook*. Alternatively, design loads shall be determined by an *approved* equivalent computation procedure, using the design parameters specified in IECC 2009 Chapter 3.

503.2.5.1 Add these two exceptions

5. Building spaces where CO₂ Sensors are inappropriate measures for ventilation needs because of ventilation needs other than occupant requirements.
6. Building spaces where the primary ventilation needs are for process loads.

503.2.9 – 503.2.9.3 Replace as follows:

503.2.9 Mechanical Systems Commissioning and Completion Requirements.

503.2.9.1 System Commissioning. Commissioning is a process that verifies and documents that the selected building systems have been designed, installed, and function according to the owner's project requirements and construction documents. Drawing notes shall require commissioning and completion requirements in accordance with this section. Drawing notes may refer to specifications for further requirements. Copies of all documentation shall be given to the owner. The building official may request commissioning documentation for review purposes. At the time of plan submittal, the building jurisdiction shall be provided, by the submittal authority, a letter of intent to commission the building in accordance with this code.

503.2.9.1.1 Commissioning Plan. A commissioning plan shall include as a minimum the following items:

1. A detailed explanation of the original owner's project requirements,
2. A narrative describing the activities that will be accomplished during each phase of commissioning, including guidance on who accomplishes the activities and how they are completed,
3. Equipment and systems to be tested, including the extent of tests,
4. Functions to be tested (for example calibration, economizer control, *etc.*),
5. Conditions under which the test shall be performed (for example winter and summer design conditions, full outside air, *etc.*), and
6. Measurable criteria for acceptable performance.

503.2.9.1.2 Systems Adjusting and Balancing. All HVAC systems shall be balanced in accordance with generally accepted engineering standards. Air and water flow rates shall be measured and adjusted to deliver final flow rates within 10% of design rates.

Test and balance activities shall include as a minimum the following items:

1. **Air Systems Balancing.** Each supply air outlet and zone terminal device shall be equipped with means for air balancing in accordance with the requirements of Chapter 6 of the *International Mechanical Code 2009*. Discharge dampers are prohibited on constant volume fans and variable volume fans with motors ten hp (18.6 kW) and larger. Air systems shall be balanced in a manner to first minimize throttling losses then, for fans with system power of greater than one hp, fan speed shall be adjusted to meet design flow conditions.

Exception. Fans with fan motors of one hp or less.

2. **Hydronic Systems Balancing.** Individual hydronic heating and cooling coils shall be equipped with means for balancing and pressure test connections. Hydronic systems shall be proportionately balanced in a manner to first minimize throttling losses, then the pump impeller shall be trimmed or pump speed shall be adjusted to meet design flow conditions. Each hydronic system shall have either the ability to measure pressure across the pump, or test ports at each side of each pump.

Exceptions:

1. Pumps with pump motors of five hp or less.
2. When throttling results in no greater than 5% of the nameplate horsepower draw above that required if the impeller were trimmed.

503.2.9.1.3 Functional Performance Testing.

503.2.9.1.3.1 Equipment Functional Performance Testing. Equipment functional performance testing shall demonstrate the correct installation and operation of components, systems, and system-to-system interfacing relationships in accordance with approved plans and specifications. This demonstration is to prove the operation, function, and maintenance serviceability for each of the Commissioned systems.

Testing shall include all modes of operation, including:

1. All modes as described in the Sequence of Operation,
2. Redundant or automatic back-up mode,
3. Performance of alarms, and
4. Mode of operation upon a loss of power and restored power.

Exception. Unitary or packaged HVAC equipment listed in Tables 503.2.3(1) through (3) that do not require supply air economizers.

503.2.9.1.3.2 Controls Functional Performance Testing. HVAC control systems shall be tested to document that control devices, components, equipment, and systems are calibrated, adjusted and operate in accordance with approved plans and specifications. Sequences of operation shall be functionally tested to document they operate in accordance with approved plans and specifications.

503.2.9.1.4 Preliminary Commissioning Report. A preliminary report of commissioning test procedures and results shall be completed and provided to the Owner. The report shall be identified as "Preliminary Commissioning Report" and shall identify:

1. Itemization of deficiencies found during testing required by this section which have not been corrected at the time of report preparation and the anticipated date of correction.
2. Deferred tests which cannot be performed at the time of report preparation due to climatic conditions.
3. Climatic conditions required for performance of the deferred tests, and the anticipated date of each deferred test.

503.2.9.2 Acceptance. Buildings, or portions thereof, required by this code to comply with this section shall not be issued a certificate of occupancy until such time that the building official has received a letter of transmittal from the building owner that states they have received the Preliminary Commissioning Report as required by section 503.2.9.1.4.

At the request of the building official, a copy of the Preliminary Commissioning Report shall be made available for review.

503.2.9.3 Completion Requirements. The construction documents shall require that within 90 days after the date of certificate of occupancy, the documents described in this section be provided to the building owner.

503.2.9.3.1 Drawings. Construction documents shall include as a minimum the location and performance data on each piece of equipment.

503.2.9.3.2 Manuals. An operating manual and a maintenance manual shall be in accordance with industry-accepted standards and shall include, at a minimum, the following:

1. Submittal data stating equipment size and selected options for each piece of equipment requiring maintenance.
2. Manufacturer's operation manuals and maintenance manuals for each piece of equipment requiring maintenance, except equipment not furnished as part of the project. Required routine maintenance actions shall be clearly identified.
3. Names and addresses of at least one service agency.
4. HVAC controls system maintenance and calibration information, including wiring diagrams, schematics, and control sequence descriptions. Desired or field-determined set points shall be permanently recorded on control drawings at control devices or, for digital control systems, in programming comments.
5. A complete narrative of how each system is intended to operate, including suggested set points.

503.2.9.3.3 System Balancing Report. A written report describing the activities and measurements completed in accordance with section 503.2.9.1.2

503.2.9.3.4 Final Commissioning Report. A complete report of test procedures and results identified as "Final Commissioning Report" shall include:

1. Results of all Functional Performance Tests.
2. Disposition of all deficiencies found during testing, including details of corrective measures used or proposed.
3. All Functional Performance Test procedures used during the commissioning process including measurable criteria for test acceptance, provided herein for repeatability.

Exception. Deferred tests which cannot be performed at the time of report preparation due to climatic conditions.

505.2.2.1 and 505.2.2.2 Replace as follows:

505.2.2.1 Automatic Lighting Controls. All commercial buildings shall be equipped with automatic control devices to shut off lighting in compliance with one of the following automatic control technologies:

1. Section 505.2.2.1.1 Occupancy Sensors
2. Section 505.2.2.1.2 Time Clock Controls
3. Section 505.2.2.1.3 Automatic Daylighting Controls

505.2.2.1.1 Occupancy Sensors. Occupancy sensors must be installed in all classrooms, conference/meeting rooms, employee lunch and break rooms, private offices, restrooms, storage rooms and janitorial closets, and other spaces 300 sq. ft. or less enclosed by

ceiling height partitions. These automatic control devices shall be installed to automatically turn off lights within 30 minutes of all occupants leaving the space, except spaces with multi-scene control.

505.2.2.1.2 Time Clock Controls. In areas not controlled by occupancy sensors, automatic time switch control devices shall be used. It shall incorporate an override switching device that:

1. Is readily accessible.
2. Is located so that a person using the device can see the lights or the area controlled by that switch, or so that the area being lit is annunciated.
3. Is manually operated.
4. Allows the lighting to remain on for no more than four hours when an override is initiated.
5. Controls an area not exceeding 5,000 square feet (465 m²).

Exceptions:

1. In malls and arcades, auditoriums, single-tenant retail spaces, industrial facilities and arenas, where captive-key override is utilized, override time may exceed two hours.
2. In malls and arcades, auditoriums, single-tenant retail spaces, industrial facilities and arenas, the area controlled may not exceed 20,000 square feet (1860 m²).

505.2.2.1.3 Automatic Daylighting Controls. Automatic controls installed in day lit zones must control lights in the day lit areas separately from the non-day lit areas. Controls for calibration adjustments to the lighting control device shall be readily accessible to authorized personnel. Each daylight control zone shall not exceed 2,500 square feet. Automatic daylighting controls must incorporate an automatic shut-off ability based on time or occupancy in addition to lighting power reduction controls.

Controls will automatically reduce lighting power in response to available daylight by either one of the following methods:

1. **Continuous Dimming** using dimming ballasts and daylight-sensing automatic controls that are capable of reducing the power of general lighting in the day lit zone continuously to less than 35% of rated power at maximum light output.
2. **Stepped Dimming** using multi-level switching and daylight-sensing controls that are capable of reducing lighting power automatically. The system should provide at least two control channels per zone and be installed in a manner such that at least one control step shall reduce power of general lighting in the day lit zone by 30% to 50% of rated power and another control step that reduces lighting power by 65% to 100%. Stepped dimming control is not appropriate in continuously occupied areas with ceiling heights of 14 feet or lower.

Exception. Daylight spaces enclosed by walls or ceiling height partitions and containing two or fewer luminaire are not required to have a separate switch for general area lighting.

505.2.2.3 Retain this section.

505.2.3 Replace as follows:

505.2.3 Additional Controls for Specific Uses.

1. **Display/Accent Lighting.** Display or accent lighting shall have a separate control device.
2. **Case Lighting.** Lighting in cases used for display purposes shall have a separate control device.
3. **Hotel and Motel Guest Room Lighting.** Hotel and motel guest rooms and guest suites shall have a master control device at the main room entry that controls all permanently installed luminaires and switched receptacles.
4. **Task Lighting.** Supplemental task lighting, including permanently installed under shelf or under cabinet lighting, shall have a control device integral to the luminaires or be controlled by a wall mounted control device provided the control device is readily accessible and located so that the occupant can see the controlled lighting.
5. **Nonvisual Lighting.** Lighting for nonvisual applications, such as plant growth and food warming, shall have a separate control device.
6. **Demonstration Lighting.** Lighting equipment that is for sale or for demonstrations in lighting education shall have a separate control device.

Exceptions: 1., 2. and 4. where LED lighting is used no additional control is required.

505.5.2 Insert note as follows:

NOTE. Compliance path b. (Reduced Lighting Power Density) in section 507 is not available for lighting installed according to the values in table 505.5.2. In this case, compliance can be met with one of the following paths:

- a. 507.2.1 Efficient Mechanical Equipment
- c. 507.2.3 On-Site Supply of Renewable Energy

Replace, but retain notes and exception, Table 505.5.2 with:

TABLE 505.5.2 - INTERIOR LIGHTING POWER ALLOWANCES

LIGHTING POWER DENSITY		
	Whole Building	Space by Space
Building Area Type^a	(W/ft²)	
Active Storage		0.8
Atrium . First Three Floors		0.6
Atrium . Each Additional Floor		0.2
Classroom/lecture/training		1.3
Conference/Meeting/Multipurpose		1.3
Corridor/Transition		0.5
Dressing/Locker/Fitting Room		0.6
Electrical/Mechanical		1.5

Food Preparation		1.2
Inactive Storage		0.3
Laboratory		1.4
Lobby		1.1
Restroom		0.8
Stairway		0.6
Automotive Facility	0.9	
Automotive . Service Repair		0.7
Convention Center	1.2	
Exhibit Space		1.3
Audience/Seating Area		0.9
Courthouse	1.2	
Audience/Seating Area		0.9
Courtroom		1.9
Confinement Cells		0.9
Judges Chambers		1.3
Dining: Bar Lounge/Leisure	1.3	
Lounge/Leisure Dining		1.4
Dining: Cafeteria/Fast Food	1.4	
Dining: Family	1.6	
Dining		1.4
Kitchen		1.2
Dormitory	1.0	
Living Quarters		1.1

Bedroom		0.5
Study Hall		1.4
Exercise Center	1.0	
Dressing/Locker/Fitting Room		0.6
Audience/Seating Area		0.3
Exercise Area		0.9
Exercise Area/Gymnasium		1.4
Gymnasium	1.1	
Dressing/Locker/Fitting Room		0.6
Audience/Seating Area		0.4
Playing Area		1.4
Exercise Area		0.9
Healthcare Clinic	1.0	
Corridors w/patient waiting, exam		1.0
Exam/Treatment		1.5
Emergency		2.7
Public & Staff Lounge		0.8
Hospital/Medical supplies		1.4
Hospital - Nursery		0.6
Nurse station		1.0
Physical therapy		0.9

TABLE 505.5.2 - INTERIOR LIGHTING POWER ALLOWANCES - continued

LIGHTING POWER DENSITY		
	Whole Building	Space by Space

Building Area Type^a	(W/ft²)	
Patient Room		0.7
Pharmacy		1.2
Hospital/Radiology		0.4
Operating Room		2.2
Recovery		0.8
Active storage		0.9
Laundry-Washing		0.6
Hospital	1.2	
Hotel	1.0	
Dining Area		1.3
Guest quarters		1.1
Reception/Waiting		2.5
Lobby		1.1
Library	1.3	
Library-Audio Visual		0.7
Stacks		1.7
Card File & Cataloging		1.1
Reading Area		1.2
Manufacturing Facility	1.3	
Low bay (< 25 ft Floor to Ceiling Height)		1.2
High bay (>25 ft Floor to Ceiling Height)		1.7
Detailed Manufacturing		2.1
Equipment Room		1.2

Control Room		0.5
Motel	1.0	
Dining Area		1.2
Guest quarters		1.1
Reception/Waiting		2.1
Motion Picture Theater	1.2	
Audience/Seating Area		1.2
Lobby		1.0
Multi-Family	0.7	
Museum	1.1	
Active Storage		0.8
General exhibition		1.0
Restoration		1.7
Bank/Office . banking activity area		1.5
Office	0.9	
Enclosed		1.0
Open Plan		1.0
Parking Garage	0.3	
Penitentiary	1.0	
Performing Arts Theater	1.6	
Audience/Seating Area		2.6
Lobby		3.3
Dressing/Locker/Fitting Room		1.1
Police Stations	1.0	

Fire Stations	0.8	
Fire Station Engine Room		0.8
Sleeping Quarters		0.3
Audience/Seating Area		0.8
Police Station Laboratory		1.4
Post Office	1.1	
Sorting Area		1.2

TABLE 505.5.2 - INTERIOR LIGHTING POWER ALLOWANCES - continued

LIGHTING POWER DENSITY		
	Whole Building	Space by Space
Building Area Type^a	(W/ft²)	
Lobby		1.0
Religious Buildings	1.3	
Lobby		1.7
Worship/Pulpit/Choir		2.4
Retail^b	1.3	
Department Store Sales Area		1.3
Specialty Store Sales Area		1.8
Fine Merchandise Sales Area		2.9
Supermarket Sales Area		1.3
Personal Services Sales Area		1.3
Mass Merchandising Sales Area		1.3
Mall Concourse		1.7

School/University	1.2	
Classroom		1.3
Audience		0.7
Dining		1.1
Office		1.1
Corridor		0.5
Storage		0.5
Laboratory		1.1
Sports Arena	1.1	
Ring Sports Arena		2.7
Court Sports Arena		2.3
Indoor Playing Field Arena		1.4
Town Hall	1.1	
Transportation	1.0	
Dining Area		2.1
Baggage Area		1.0
Airport - Concourse		0.6
Terminal - Ticket Counter		1.5
Reception/Waiting		0.5
Warehouse	0.8	
Fine Material		1.4
Medium/Bulky Material		0.9
Workshop	1.4	

506 Replace as follows:

SECTION 506: TOTAL BUILDING PERFORMANCE

As referenced in section 501.1, buildings establishing compliance with this code through total building performance shall be designed to achieve energy use per square foot equal to at least 20% below the energy requirements of *ASHRAE/IESNA Standard 90.1-2007, Energy Standard for Buildings Except for Low-Rise Residential Buildings*, Appendix G, measured by industry-accepted energy modeling.

507 Add section as follows:

SECTION 507: ALTERNATIVE PRESCRIPTIVE COMPLIANCE PACKAGES

507.1 Requirements. Buildings complying with the prescriptive option of section 501.4.1 shall meet the requirements of any one of the following sections:

- a. 507.2.1 Efficient Mechanical Equipment
- b. 507.2.2 Reduced Lighting Power Density
- c. 507.2.3 On-Site Supply of Renewable Energy

507.2.1 Efficient Mechanical Equipment. This mechanical alternative compliance option is intended to allow the builder to meet the requirements of section 507 by choosing to install efficient mechanical equipment. Section 507.2.1 does not replace the requirements in section 503, but is one of several optional compliance packages.

Mechanical equipment choices that fulfill requirements for section 507.2.1 shall comply with the following:

1. Package unitary equipment shall meet the minimum efficiency requirements in Tables 507.2.1(1) and 507.2.1(2);
2. Package Terminal Air Conditioners and Heat Pumps shall meet the minimum efficiency requirements in Table 507.2.1(3);
3. Warm air furnaces and combination warm air furnaces / air conditioning units shall meet the minimum efficiency requirements in Table 507.2.1(4);
4. Boilers shall meet the minimum efficiency requirements in Table 507.2.1(5);
5. Electric chillers shall meet the energy efficiency requirements in Table 507.2.1(6);
6. Absorption chillers shall meet the minimum efficiency requirements in Table 507.2.1(7).

TABLE 507.2.1(1) UNITARY AIR CONDITIONERS AND CONDENSING UNITS, ELECTRICALLY OPERATED, EFFICIENCY REQUIREMENTS

Equipment Type	Size Category	Subcategory or Rating Condition	Minimum Efficiency ^a
Air conditioners, Air cooled	< 65,000 Btu/h	Split system	15.0 SEER 12.5 EER
		Single package	15.0 SEER 12.0 EER

	65,000+ Btu/h and < 135,000 Btu/h	Split system and single package	11.5 EER ^b 11.9 IPLV ^b
	135,000+ Btu/h and < 240,000 Btu/h	Split system and single package	11.5 EER ^b 11.9 IPLV ^b
	240,000+ Btu/h and < 760,000 Btu/h	Split system and single package	10.5 EER ^b 10.9 IPLV ^b
	760,000+ Btu/h		9.7 EER ^b 11.0 IPLV ^b
Air conditioners, Water and evaporatively cooled		Split system and single package	14.0 EER

For SI: 1 British thermal unit per hour = 0.2931 W.

a. IPLVs are only applicable to equipment with capacity modulation.

b. Deduct 0.2 from the required EERs and IPLVs for units with a heating section other than electric resistance heat.

TABLE 507.2.1(2) UNITARY AND APPLIED HEAT PUMPS, ELECTRICALLY OPERATED, EFFICIENCY REQUIREMENTS

Equipment Type	Size Category	Subcategory or Rating Condition	Minimum Efficiency^a
Air cooled (Cooling mode)	< 65,000 Btu/h	Split system	15.0 SEER 12.5 EER
		Single package	15.0 SEER 12.0 EER
	65,000+ Btu/h and < 135,000 Btu/h	Split system and single package	11.5 EER ^b 11.9 IPLV ^b
	135,000+ Btu/h and < 240,000 Btu/h	Split system and single package	11.5 EER ^b 11.9 IPLV ^b
	240,000+ Btu/h	Split system and single package	10.5 EER ^b 10.9 IPLV ^b
Water source (Cooling mode)	< 135,000 Btu/h	85 degrees F entering water	14.0 EER
Air cooled (Heating mode)	< 65,000 Btu/h (Cooling capacity)	Split system	8.5 HSPF
		Single package	8.0 HSPF
	65,000+ Btu/h and < 135,000 Btu/h (Cooling capacity)	47 deg. F db/43 deg. F wb outdoor air	3.4 COP
		77 deg. F db/15 deg. F wb outdoor air	2.4 COP
	135,000+ Btu/h (Cooling capacity)	47 deg. F db/43 deg. F wb outdoor air	3.1 COP

		77 deg. F db/15 deg. F wb outdoor air	2.1 COP
Water source (Heating mode)	< 135,000 Btu/h (Cooling capacity)	70 degrees F entering water	4.6 COP

For SI: deg.C = [deg.F] - 32 / 1.8, 1 British thermal unit per hour = 0.2931 W. db = dry-bulb temperature, deg.F; wb = wet bulb temperature, deg.F

- IPLVs and Part load rating conditions are only applicable to equipment with capacity modulation.
- Deduct 0.2 from the required EERs and IPLVs for units with a heating section other than electric resistance heat.

TABLE 507.2.1(3) PACKAGED TERMINAL AIR CONDITIONERS AND PACKAGED TERMINAL HEAT PUMPS

Equipment Type	Size Category	Minimum Efficiency
Air conditioners	< 7,000 Btu / h	11.9 EER
& Heat Pumps (Cooling Mode)	7,000 Btu / h and < 10,000 Btu / h	11.3 EER
	10,000 Btu / h and < 13,000 Btu / h	10.7 EER
	13,000+ Btu / h	9.5 EER

Note. Replacement units must be factory labeled as follows: ðMANUFACTURED FOR REPLACEMENT APPLICATIONS ONLY: NOT TO BE INSTALLED IN NEW CONSTRUCTION PROJECTS.ö Replacement

efficiencies apply only to units with existing sleeves less than 16 inches (406 mm) high and less than 42 inches (1067 mm) wide.

TABLE 507.2.1(4) WARM AIR FURNACES AND COMBINATION WARM AIR FURNACES/AIR-CONDITIONING UNITS, WARM AIR DUCT FURNACES AND UNIT HEATERS, EFFICIENCY REQUIREMENTS

Equipment Type	Size Category (Input)	Subcategory or Rating Condition	Minimum Efficiency	Test Procedure
Warm air furnaces, gas fired	< 225,000 Btu/h	-	90% AFUE or 90% <i>Et</i>	DOE 10 CFR Part 430 or ANSI Z21.47
	225,000+ Btu/h	Maximum capacity	90% <i>Ec</i> , note 1.	ANSI Z21.47
Warm air furnaces, oil fired	< 225,000 Btu/h	-	85% AFUE or 85% <i>Et</i>	DOE 10 CFR Part 430 or UL727

	225,000+ Btu/h	Maximum capacity	85 % <i>Et</i> , note 1.	UL 727
Warm air duct furnaces, gas fired	All capacities	Maximum capacity	90% <i>Ec</i>	ANSI Z83.8
Warm air unit heaters, gas fired	All capacities	Maximum capacity	90% <i>Ec</i>	ANSI Z83.8
Warm air unit heaters, oil fired	All capacities	Maximum capacity	90% <i>Ec</i>	UL 731

For SI: 1 British thermal unit per hour = 0.2931 W.

1. Units must also include an IID (intermittent ignition device), have jackets not exceeding 0.75% of the input rating, and have either power venting or a flue damper. A vent damper is an acceptable alternative to a flue damper for those furnaces where combustion air is drawn from the conditioned space.

Where there are two ratings, units not covered by the National Appliance Energy Conservation Act of 1987 (NAECA) (three-phase power or cooling capacity greater than or equal to 65,000 Btu/h [19 kW] shall comply with either rating.

Et = Thermal efficiency

Ec = Combustion efficiency (100% less flue losses)

Efficient furnace fan: All fossil fuel furnaces in zones 3 to 8 shall have a furnace electricity ratio not greater than 2% and shall include a manufacturer's designation of the furnace electricity ratio.

TABLE 507.2.1(5) BOILER, EFFICIENCY REQUIREMENTS

Equipment Type	Size Category	Minimum Efficiency
Gas Hot Water	< 300,000 Btu/h	90% <i>Et</i>
	> 300,000 Btu/h and < 2.5 mBtu/h	89% <i>Et</i>
Gas Steam	< 300,000 Btu/h	89% <i>Et</i>
	300,000+ Btu/h	89% <i>Et</i>
Oil	< 300,000 Btu/h	90% <i>Et</i>
	300,000+ Btu/h	89% <i>Et</i>
<i>Et</i> = thermal efficiency		

TABLE 507.2.1(5) CHILLERS - EFFICIENCY REQUIREMENTS

Equipment Type	Size Category	Required Efficiency- Chillers		Optional Compliance Path - Required Efficiency - Chillers With VSD	
		Full Load (KW/ Ton)	IPLV (KW/ Ton)	Full Load (KW/Ton)	IPLV (KW/ Ton)

Air Cooled w/ Condenser	All	1.2 or less	1.0 or less	N/A	N/A
Air Cooled w/o Condenser	All	1.08 or less	1.08 or less	N/A	N/A
Water Cooled, Reciprocating	All	0.840 or less	0.630 or less	N/A	N/A
Water Cooled, Rotary Screw and Scroll	< 90 tons	0.780 or less	0.600 or less	N/A	N/A
	90 tons and < 150 tons	0.730 or less	0.550 or less	N/A	N/A
	150 tons and < 300 tons	0.610 or less	0.510 or less	N/A	N/A
	300+ tons	0.600 or less	0.490 or less	N/A	N/A
Water Cooled, Centrifugal	< 150 tons	0.610 or less	0.620 or less	0.630 or less	0.400 or less
	150 tons and < 300 tons	0.590 or less	0.560 or less	0.600 or less	0.400 or less
	300 tons and < 600 tons	0.570 or less	0.510 or less	0.580 or less	0.400 or less
	600+ tons	0.550 or less	0.510 or less	0.550 or less	0.400 or less

Notes. Compliance with full load efficiency numbers and IPLV numbers are both required.

Only Chillers with Variable Speed Drives (VSD) may use the optional compliance path here for chiller efficiency.

TABLE 507.2.1(6) ABSORPTION CHILLERS - EFFICIENCY REQUIREMENTS

Equipment Type	Required Efficiency Full Load COP (IPLV)
Air Cooled, Single Effect	0.60, but only allowed in heat recovery applications
Water Cooled, Single Effect	0.70, but only allowed in heat recovery applications
Double Effect - Direct Fired	1.0 (1.05)
Double Effect - Indirect Fired	1.20

507.2.2 Reduced Lighting Power Density. Whole Building Lighting Power Density (Watts/ft²) must be reduced by at least 10% from the values in Table 505.5.2, or as shown in Table 507.2.2.

507.2.2.1 Automatic Daylighting Controls. Automatic daylighting controls shall be installed in the daylight zone and shall meet the requirements of 505.2.2.1.3.

TABLE 507.2.2 REDUCED INTERIOR LIGHTING POWER ALLOWANCES

LIGHTING POWER DENSITY	
Building Area Type^a	Reduced whole building (W/ft²)
Automotive Facility	0.8
Convention Center	1.1
Court House	1.1
Dining: Bar Lounge/Leisure	1.2
Dining: Cafeteria/Fast Food	1.3
Dining: Family	1.4
Dormitory	0.9
Exercise Center	0.9
Fire Station	0.7
Gymnasium	1.0
Healthcare-Clinic	0.9
Hospital	1.1
Hotel	0.9
Library	1.2
Manufacturing Facility	1.2
Motel	0.9
Motion Picture Theater	1.1
Multi-Family	0.6
Museum	1.0
Office	0.8

Parking Garage	0.3
Penitentiary	0.9
Performing Arts Theater	1.4
Police	0.9
Post Office	1.0
Religious Building	1.2
Retail ^b	1.2
School/University	1.1
Sports Arena	1.0
Town Hall	1.0
Transportation	0.9
Warehouse	0.7
Workshop	1.3

a. See IECC 2009 Table 505.2 for notes and exception.

507.2.3 On-site Supply of Renewable Energy. The building or surrounding property shall incorporate an on-site renewable energy system that supplies 3% or more of total building electrical loads. On-site power generation using nonrenewable resources does not meet this requirement.

The jurisdiction shall be provided with an energy analysis that documents the renewable energy contribution to the building or a calculation demonstrating that the on-site supply of renewable energy:

1. Is capable of providing at least 3% of the total energy load of the building, or
2. Has an installed maximum generating capacity equal to or greater than 0.50 watts per square foot of usable floor space.

**TOWN OF HOLLISTON
CITIZEN VOLUNTEER FORM**

If you are interested in serving the Town in any capacity, please complete this form and return it either by mail or in person, to the Town Clerk's Office, Room 102, Town Hall, 703 Washington Street, Holliston, MA 01746. Information received will be made available to all boards, committees and departments for their reference in filling vacancies.

Name: _____ Telephone: _____

Address: _____ Email: _____

Area(s) of Interest: _____

Availability (e.g. nights, weekends, hours per month): _____

Comments: _____

HAVE YOU READ ME CAREFULLY?

Here are a few suggestions until we meet at town meeting:

- look to where the majority of the money will go;
- look at material and significant changes from year to year;
- reread prior year's reports if you see something unusual which is not clear in this year's report;
- write down exactly what your questions will be; be clear and precise;
- bring a pencil to make notes at town meeting;
- be alert to what is said so the same questions are not repeated;
- discuss issues with friends and neighbors; come prepared to talk about facts.

GOOD GOVERNMENT STARTS WITH YOU

EMERGENCY NOTIFICATION INFORMATION

Please be sure to update your emergency contact information by going to www.townofholliston.us and selecting the link to Blackboard Connect (shown below) on the right hand side of the home page. Thank you.

