# THE TOWN OF MARSHFIELD, MASSACHUSETTS

# COMPREHENSIVE ANNUAL FINANCIAL REPORT



FOR THE YEAR
JULY 1, 2015 – JUNE 30, 2016

On the cover:

North River



One of the many marshes in Marshfield.

Photos: Photos in this report are the courtesy of Elizabeth Bates, Town Assessor/Appraiser

## TOWN OF MARSHFIELD, MASSACHUSETTS

## **COMPREHENSIVE ANNUAL FINANCIAL REPORT**

For the Year Ended June 30, 2016



Prepared by:

The Fiscal Team

Town of Marshfield, Massachusetts



On February 8-9, 2013, the Blizzard of 2013 known as Storm Nemo severely impacted the Town of Marshfield. The blizzard caused flooding, prolonged power outages and significant tree damage. The storm also caused damage to infrastructure including compromising one of the Town's jetties and causing a build-up of silt in the channel to the Atlantic Ocean known as the Narrows.

## TOWN OF MARSHFIELD, MASSACHUSETTS

## **COMPREHENSIVE ANNUAL FINANCIAL REPORT**

## JUNE 30, 2016

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# Introductory Section



Pictured above is Blue Fish Cove, one of the many beaches in Marshfield.

# **Introductory Section**



# Town of Marshfield

#### Board of Selectmen

870 Moraine Street
Marshfield, Massachusetts 02050
Tel: 781-834-5563 Pax: 781-834-5527

#### **Letter of Transmittal**

February 27, 2017

To the Honorable Board of Selectmen and the Citizens of the Town of Marshfield:

State law requires the Town of Marshfield to publish at the close of each year a complete set of financial statements in conformity with accounting principles generally accepted in the United States of America (GAAP) that are audited in accordance with generally accepted auditing standards by a firm of licensed certified public accountants. Pursuant to that requirement, we hereby issue this Comprehensive Annual Financial Report (CAFR) of the Town of Marshfield, Massachusetts, for the year ending June 30, 2016 for your review.

This report consists of management's representations concerning the finances of the Town. Consequently, management assumes full responsibility for the completeness and reliability of all of the information presented in this report. To provide a reasonable basis for making these representations, management of the Town has established a comprehensive internal control framework that is designed to both protect the Town's assets from loss, theft, or misuse and to compile sufficient reliable information for the preparation of the Town's financial statements in conformity with GAAP. As management, we assert that this financial report is complete and reliable in all material respects.

The CAFR is designed to be used by the elected and appointed officials of Marshfield in addition to those entities concerned with the Town's management and development including credit rating agencies, bond analysts, investors and financial institutions. The format of the report enables the Town to present complex financial data in a manner that is easier for citizens and taxpayers of the Town of Marshfield to review and understand.

The Town of Marshfield's financial statements have been audited by Powers & Sullivan, LLC a firm of licensed certified public accountants. The goal of the independent audit was to provide reasonable assurance that the financial statements of the Town of Marshfield for the year ended June 30, 2016 are free of material misstatement. The independent audit involved examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements; assessing the accounting principles used and significant estimates made by management; and evaluating the overall financial statement presentation. The independent auditor concluded, based upon the audit, that there was a reasonable basis for rendering an unmodified opinion on the Town of Marshfield's financial statements for the year ended June 30, 2016 and that they are fairly presented in conformity with GAAP. The independent auditor's report is presented as the first component of the financial section of this report.

The independent audit of the financial statements of the Town of Marshfield was part of a broader, federally mandated "Single Audit" designed to meet the special needs of Federal grantor agencies. The standards

governing Single Audit engagements require the independent auditor to report not only on the fair presentation of the financial statements, but also on the audited government's internal controls and compliance with legal requirements, with special emphasis on internal controls and legal requirements involving the administration of Federal awards. These reports are available in the Town of Marshfield's separately issued Single Audit Report.

GAAP requires that management provide a narrative introduction, overview, and analysis to accompany the basic financial statements in the form of Management's Discussion and Analysis (MD&A). This letter of transmittal is designed to complement MD&A and should be read in conjunction with it. The Town of Marshfield's MD&A can be found immediately following the report of the independent auditors.

### **Profile of Town**

The Town of Marshfield was incorporated in 1640 and occupies a land area of approximately 28.35 square miles; noted by the local population as a "community of villages." It is governed by an open Town Meeting form of government and the Chief Executive Officer is the Board of Selectmen. Marshfield is located in southeastern Massachusetts in Plymouth County and has been recognized as one of the 14 safest communities in the United States. The Town of Marshfield is bordered by the Atlantic Ocean on the east, Duxbury on the south and southeast, Pembroke and Norwell on the west, and Scituate on the north. Marshfield is a coastal town located in east central Plymouth County approximately 32 miles south of Boston, 18 miles east of Brockton, 48 miles northeast of Providence, RI, and 225 miles north of New York City. State routes 3, 3A and 139 are the principal highways and roads serving the Town. Chartered flights throughout New England are available at the Marshfield Municipal Airport. The commuter rail is also in close proximity to Marshfield, giving residents ready access into the City of Boston and other adjacent communities. The Greater Attleborough Taunton Regional Transit Authority (GATRA) provides local bus service from Plymouth to Scituate, including services for persons with disabilities.

Local legislative decisions are made by an open Town Meeting, the purest form of democracy consisting of all of the registered voters in the Town. Subject to the legislative decisions made by the Town Meeting, the affairs of the Town are generally administered by a three-member Board of Selectmen, as well as five other elected Boards. According to the U.S. Department of Commerce, Bureau of Census conducted in 2010, the Town's population was 25,531. However, unofficially the Town's summer population increases (estimated) to over 40,000.

Local school affairs are administered by a five-member School Committee through the School Superintendent. Local taxes are assessed by a three-member elected Board of Assessors; all elected for staggered three-year terms on an at large basis. A three-member Board of Public Works, similarly elected, oversees the Town's principally self-supporting Sewer, Water, and Solid Waste enterprise funds in addition to the Highway and Cemetery Departments.

The Town of Marshfield provides general governmental services for the territory within its boundaries, including police and fire protection, public education in grades kindergarten through twelve, typical municipal financial services, water and sewer services, solid waste disposal, a library, streets, parks, services to senior citizens and Veterans, and recreational activities.

The Town of Marshfield's commitment to open space, historical preservation and community housing is evidenced by its acceptance of the Community Preservation Act beginning in year 2002 at the maximum 3% surcharge. These funds have been authorized by Town Meeting for the purchase of over 350 acres of open space preserving and protecting aguifers, habitats, woodlands, marshland and meadows.

## **Factors Affecting Economic Condition**

The information presented in the financial statements is perhaps best understood when it is considered from the broader perspective of the specific environment within which the Town operates.

The Board of Selectmen has decided that the foundation of Marshfield's government, the Town Charter needed to be modernized. The Charter was adopted in 1975 with only very minimal changes. The Board appointed a Charter Review Committee to examine the Towns governance. It would be likely that one outcome for the Town would be to have a Finance Director built into the Charter. Marshfield had one bond rating increase in the last few years and becoming a AAA bond rated community is not an unrealistic goal for the Town. The Charter would also address all needs of the Town's governance. Improving the Town's organizational structure will create and effective and efficient organization.

The Town continues to manage its financial affairs in a prudent manner. Standard & Poor's confirmed the Town's bond rating to AA+ with a stable outlook which is reflective of management's incorporation of long range planning tools such as a five year Capital Improvement Program; maintenance of reserve balances despite tight budget; investing in technology to ensure efficient operations; and maintaining an aggressive debt management strategy for capital improvements and pursuing pay-as-you-go options whenever possible. The Town consistently seeks grant opportunities for operational services as well as capital improvements.

The Town faced fiscal challenges over the past year, mostly tied to personnel affairs and has not only resolved those challenges but came to a conclusion that will make the Town fiscally strong for years to come. New staff has joined the Town's operations that will provide a level of succession planning that has not existed in the past.

The Town has also enhanced its revenue flexibility by establishing Enterprise funds. This has allowed the Town to shift one hundred percent (except for certain amounts of sewer debt where the general fund is responsible for its 40% share) of the operating cost and capital improvements to the users of sewer, water, and solid waste services so that no tax support goes towards providing these services. All related debt, except as discussed above, is funded through user fees. By doing so the Town is able to provide the maximum tax dollars available to all other services.

In 2016, the Town's legislative body successfully adopted a "meals tax" of .75% that is projected to generate approximately \$300,000 of "new" revenue each year.

Finally, the Town resolved the fiscal challenges left after the winter of 2015 and paid off over \$2 million of snow removal expenses. For the first time in the Town's history nearly \$400,000 had to be expended to remove volumes of snow from buildings' roofs. Fiscal constraint and sound management, with the personnel challenges the Town faced is evident by the result of funding the recording breaking winter expenses, and evident of the Town's fiscal strength.

### **Major Initiatives**

### Flood Insurance

In 2016 the FEMA appeals to correct the flood maps moved to a higher level of technical review. While the Town's appeal was successful and 400 homes were taken out of the new proposed flood zones; the maps still had technical errors that needed to be resolved. In order to address the remaining errors, under the law, the Town had to adopt the maps, with technical errors. In the fall of 2015 the Town overwhelmingly adopted the new flood maps, with the intention of pursuing the remaining errors. The Town will be seeking assistance from the federal legislators and support of the scientific consultant Woods Hole Group.

## **Building Projects**

The Town has possibly the most popular skate board park in southeastern Massachusetts and a notable recreational facility, Peter Igo Park, both opened for business in 2016. Peter Igo Park's focal point may be tennis; but basketball, pickleball, and kayaking are also on the Parks itinerary. The Library Plaza development is underway and is expected to open in the spring of 2017.

## Capital Assessment Project

The Towns Facility Manager completed the first total building assessment that will define the Towns future needs for maintenance and building improvements. This tool will help the Town's budgeting process and has initiated a dialogue to create a permanent building committee. The overall goal of the Town wide buildings assessment is to create a responsible maintenance plan for all the Towns buildings.

#### Reserves

Management has adopted reserve policies to address key areas of concern including: Operational Budget Reserve Fund, Stabilization Fund, Property and Liability Insurance Reserve, Workers Compensation for Police/Fire Reserve, Postemployment Liability Trust Fund and Town Compensated Absence Reserve.

The Town is rebuilding its Stabilization Fund after having used the fund to support the general fund budget in years 2003 through 2008. Over the last four years, the Town has increased the balance in the fund to \$2.3 million. Management phased out the use of one time revenues to fund the operational budget from \$6.7 million in 2004 to zero in the 2016 operating budget.

The Property & Liability Reserve will allow the Town to increase deductibles for general liability losses to decrease premium costs in future years. The Town Compensated Absence Reserve insulates the Town from the budgetary impact of unexpected retirements or separations from service of senior employees with those benefits.

## **Internal Controls**

Management of the Town is responsible for establishing and maintaining an internal control structure designed to ensure the assets of the Town are protected from loss, theft or misuse and to ensure that adequate accounting data is compiled to allow for the preparation of financial statements in conformity with generally accepted accounting principles. The Town Administrator and the Fiscal Team are responsible for evaluating the adequacy and effectiveness of the internal control structure and implementing improvements. The Town completed a Fraud Risk Assessment that has become a guiding tool for all departments. Because the cost of internal controls should not outweigh their benefits, the Town of Marshfield's comprehensive framework of internal controls has been designed to provide reasonable rather than absolute assurance that the financial statements will be free of material misstatement.

### **Budgetary Controls**

The Town Administrator presents a budget to the Board of Selectmen which is then reviewed and with amendments presented to the Advisory Board. The nine-member Advisory Board holds public hearings to review all departmental budgets and makes recommendations on the budget to Town Meeting in April.

The level of budgetary control is established by Town Meeting and this approval defines the level at which expenditures may not exceed appropriations. This level is typically at the individual department salary and expense level. The Town Accountant is responsible for ensuring all payroll and invoices are within the budgetary control level before authorizing payment. Additional appropriations may be approved at subsequent Town

Meetings. The Advisory Board may approve during the year a transfer from a reserve fund established at Town Meeting. These controls ensure compliance with the budget approved by Town Meeting.

The Treasurer/Collector is responsible for cash and debt management, and the investment of Town funds.

The school budget is limited to the total amount appropriated by Town Meeting, but the School Committee retains full power to allocate the funds appropriated.

## **Financial Management**

The Town adopted a policy in year 2011 to codify the allocation of indirect costs between the three Enterprise funds and the General Fund. A written agreement developed by the Fiscal Team, has been approved by the Board of Selectmen and the School Committee to codify the allocation of revenues and fixed costs between the school and Town departments based on existing verbal agreements. A free cash management agreement was adopted in April 2012 and a debt management policy was adopted in May 2012. Finally, additional reserves for uncompensated balances and capital projects are being considered for adoption in 2017.

## Acknowledgements

We would like to express our appreciation to all the members of the departments who assisted and contributed to the preparation of this report. Also an expression of gratitude should be expressed to Team Leader Barbara Costa, Town Accountant who worked through a busy period to compile and finalize this report. Finally, credit must also be given to the Board of Selectmen and the Advisory Board for their unfailing support for maintaining the highest standards of professionalism in the management of the Town, including its finances.

Respectfully submitted,

Rocco J. Longo

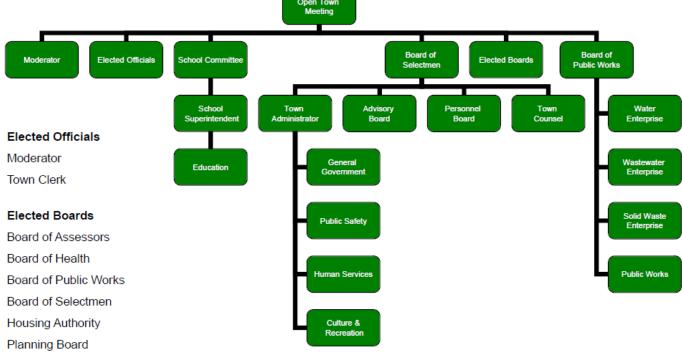
Town Administrator

Barbara Costa Town Accountant

Elizabeth Bates Assessor/Appraiser

Patrick Dello Russo Treasurer/Collector





Trustees of Soldiers Memorials



Government Finance Officers Association

Certificate of
Achievement
for Excellence
in Financial
Reporting

Presented to

# Town of Marshfield Massachusetts

For its Comprehensive Annual
Financial Report
for the Fiscal Year Ended

June 30, 2015

Executive Director/CEO

## **Principal Town Officials**

Elected Officials		Term Expires
Board of Selectmen	Stephen G. Robbins, Chairperson Michael G. Bradley, Vice Chairperson	2017 2018
	James J. Fitzgerald, Clerk	2019
Moderator	James Robertson	2017
Town Clerk	Patricia A. Picco	2018
School Committee	Sean P. Costello, Chairperson	2018
	Carol Shrand, Vice Chairperson	2017
	Richard Greer, Secretary	2019
	Kendra Stetson Campbell	2018
	Heidi L. Church	2019

## **Appointed Officials**

Town Administrator	Rocco J. Longo
Superintendent of Public Schools	Jeffery W. Granatino
Treasurer/Collector	Patrick Dello Russo
Town Accountant	Barbara A. Costa
Assessor/Appraiser	Elizabeth A. Bates
Fire Chief	William Hocking
Police Chief	Phil Tavares
DPW Superintendent	Thomas J. Reynolds

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# Financial Section



Pictured above is the Cut River.

# Financial Section

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## Powers & Sullivan, LLC

Certified Public Accountants



100 Quannapowitt Parkway Suite 101 Wakefield, MA 01880 T. 781-914-1700 F. 781-914-1701 www.powersandsullivan.com

## **Independent Auditor's Report**

To the Honorable Board of Selectmen Town of Marshfield, Massachusetts

## **Report on the Financial Statements**

We have audited the accompanying financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the Town of Marshfield, Massachusetts as of and for the year ended June 30, 2016, and the related notes to the financial statements, which collectively comprise the Town's basic financial statements as listed in the table of contents.

## Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

## **Auditor's Responsibility**

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

## **Opinions**

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the Town of Marshfield, Massachusetts, as of June 30, 2016, and the respective changes in financial position, and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

#### Other Matters

## Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and required supplementary information, as listed in the table of contents, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Town of Marshfield, Massachusetts' basic financial statements. The introductory section, combining and individual fund statements, and statistical section are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The combining and individual fund statements are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the combining and individual fund statements are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

The introductory and statistical sections have not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on them.

## Other Reporting Required by Government Auditing Standards

Powers + Julians, LLC

In accordance with *Government Auditing Standards*, we have also issued our report dated February 27, 2017, on our consideration of the Town of Marshfield, Massachusetts' internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Town of Marshfield, Massachusetts' internal control over financial reporting and compliance.

February 27, 2017

Management's Discussion and Analysis	

## Management's Discussion and Analysis

As management of the Town of Marshfield, Massachusetts, we offer readers of these financial statements this narrative overview and analysis of the financial activities of the Town of Marshfield for the year ended June 30, 2016. We encourage readers to consider the information presented in this report in conjunction with additional information that we have furnished in our letter of transmittal.

The Governmental Accounting Standards Board (GASB) is the authoritative standard setting body that provides guidance on how to prepare financial statements in conformity with generally accepted accounting principles (GAAP). Users of these financial statements (such as investors and rating agencies) rely on the GASB to establish consistent reporting standards for all governments in the United States. This consistent application is the only way users (including citizens, the media, legislators and others) can assess the financial condition of one government compared to others.

Governments must adhere to GASB pronouncements in order to issue their financial statements in conformity with GAAP. The users of financial statements also rely on the independent auditor's opinion. If the Town's financial statements have significant departures from GAAP the independent auditors may issue a modified opinion or a disclaimer (where no opinion is given). These types of opinions may have an adverse effect on the Town's bond rating and our ability to borrow money at favorable interest rates. The Town has enjoyed an unmodified opinion on its financial statements for many years.

#### Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to the Town of Marshfield's basic financial statements. The Town's basic financial statements comprise three components: 1) government-wide financial statements 2) fund financial statements, and 3) notes to the financial statements. This report also contains other supplementary information in addition to the basic financial statements.

**Government-wide financial statements.** The government-wide financial statements are designed to provide readers with a broad overview of the Town's finances, in a manner similar to private-sector businesses.

The statement of net position presents information on all of the Town's assets and deferred outflows of resources, liabilities and deferred inflows of resources, with the difference between the two reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the Town is improving or deteriorating.

The statement of activities presents information showing how the Town's net position changed during the most recent year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing or the related cash flows. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future periods (e.g., uncollected taxes and earned but unused vacation leave).

Both of the government-wide financial statements distinguish functions that are principally supported by taxes and intergovernmental revenues (*governmental activities*) from other functions that are intended to recover all or a significant portion of their costs through user fees and charges (*business-type activities*). The governmental activities include general government, public safety, education, public works, health and human services, culture and recreation, community preservation, and interest. The business-type activities include the activities of the sewer, water, and solid waste enterprise funds.

**Fund financial statements.** A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The Town, like other state and local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. All of the funds of the Town can be divided into three categories: governmental funds, proprietary funds, and fiduciary funds.

**Governmental funds.** Governmental funds are used to account for essentially the same functions reported as governmental activities in the government-wide financial statements. However, unlike the government-wide financial statements, governmental fund statements focus on near-term inflows and outflows of spendable resources, as well as on balances of spendable resources available at the end of the year. Such information may be useful in evaluating a government's near-term financing requirements.

Because the focus of governmental funds is narrower than that of government-wide financial statements, it is useful to compare the information presented for governmental funds with similar information presented for governmental activities in the government-wide financial statements. By doing so, readers may better understand the long-term impact of the government's near-term financing decisions. Both the governmental fund balance sheet and the governmental fund statement of revenues, expenditures, and changes in fund balances provide a reconciliation to facilitate this comparison between governmental funds and governmental activities.

The Town is reporting three major governmental funds that are presented separately in the governmental fund financial statements. The remaining nonmajor funds are combined into a single, aggregated presentation. Individual fund data for each of these nonmajor governmental funds is provided in the form of combining statements elsewhere in this report.

The Town adopts an annual appropriated budget for its general fund. A budgetary comparison schedule has been provided for the general fund to demonstrate compliance with this budget.

**Proprietary funds.** The Town maintains one type of proprietary fund.

Enterprise funds are used to report the same functions as business-type activities in the government-wide financial statements. The Town uses enterprise funds to account for its sewer, water, and solid waste activities. Proprietary funds provide the same type of information as the government-wide financial statements, only in more detail. The proprietary fund financial statements provide separate information for sewer, water, and solid waste activities, all of which are considered major funds of the Town.

**Fiduciary funds.** Fiduciary funds are used to account for resources held for the benefit of parties outside the government. Fiduciary funds are not reflected in the government-wide financial statements because the resources of those funds are not available to support the Town's own programs. The accounting used for fiduciary funds is much like that used for proprietary funds.

**Notes to financial statements.** The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements.

## Government-wide Financial Analysis

As noted earlier, net position may serve over time as a useful indicator of a government's financial position. Assets and deferred outflows exceeded liabilities and deferred inflows by \$157.2 million at the close of 2016.

Government-wide net position of \$202 million reflects its net investment in capital assets (e.g., land, buildings, machinery, equipment, and infrastructure) less any related debt used to acquire those assets that is still outstanding. The Town uses these capital assets to provide services to citizens; consequently, these assets are *not* available for future spending. Although the investment in capital assets is reported net of related debt, it should be noted that the resources needed to repay this debt must be provided from other sources, since the capital assets themselves cannot be used to liquidate these liabilities.

An additional portion of net position, \$8 million, represents resources that are subject to external restrictions on how they may be used. The remaining balance of unrestricted net position resulted in a \$52.3 million deficit relating to the cumulative effect of recording \$34.4 million of other postemployment benefit liabilities and \$50.2 million of pension liabilities through June 30, 2016.

Details related to the Town's governmental and business-type activities follow.

**Governmental activities.** The governmental activities net position increased by approximately \$2.3 million during the current year as compared to an increase in net position of \$3.5 million during the prior year.

	2016	2015
Assets:		
Current assets	\$ 34,425,349	\$ 34,681,350
Noncurrent assets (excluding capital)	4,413,077	5,336,968
Capital assets, not being depreciated	29,425,102	61,239,933
Capital assets, net of accumulated depreciation	195,647,458	163,668,466
Total assets	263,910,986	264,926,717
Total Deferred Outflows of Resources	4,953,529	1,787,726
Liabilities:		
Current liabilities (excluding debt)	6,296,866	8,110,621
Noncurrent liabilities (excluding debt)	77,575,161	71,028,393
Current debt	13,652,093	19,276,411
Noncurrent debt	71,797,166	71,155,159
Total liabilities	169,321,286	169,570,584
Total Deferred Inflows of Resources	119,058	
Net Position:		
Net investment in capital assets	149,244,882	143,838,725
Restricted	8,004,644	7,659,915
Unrestricted	(57,825,355)	(54,354,781)
Total net position	99,424,171	97,143,859

Noncurrent liabilities include an accrued liability for other postemployment benefits in the amount of \$32.7 million and for pension liabilities of \$42.1 million at June 30, 2016.

	2016	2015
Program revenues:		
Charges for services\$	5,194,527	\$ 4,690,088
Operating grants and contributions	28,216,908	25,899,258
Capital grants and contributions	6,781,879	7,425,898
General revenues:		
Real estate, personal property taxes, and tax liens	60,645,177	57,062,403
Motor vehicle and other excise taxes	4,634,720	3,605,718
Community preservation taxes	1,321,967	1,244,991
Penalties and interest on taxes	287,375	420,779
Nonrestricted grants and contributions	2,528,692	2,335,068
Unrestricted investment income	90,134	100,625
Miscellaneous	51,348	73,562
Total revenues	109,752,727	102,858,390
Expenses:		
General government	5,454,536	5,287,075
Public safety	17,642,972	17,178,837
Education	71,400,698	63,678,563
Public works	5,425,790	7,368,229
Health and human services	1,359,699	1,413,444
Culture and recreation	1,938,060	1,851,271
Community preservation	524,802	217,358
Interest	2,040,212	2,534,687
Total expenses	105,786,769	99,529,464
Excess (Deficiency) before transfers	3,965,958	3,328,926
Transfers	(1,685,646)	197,950
Change in net position	2,280,312	3,526,876
Net position - beginning	97,143,859	93,616,983
Net position - ending\$	99,424,171	\$ 97,143,859

Financial notes related to governmental activities:

- Charges for services represented 5% of governmental activities resources. The Town can exercise more
  control over this category of revenue than any other. Fees charged for services rendered that are set by
  the Town are included in this category.
- Operating grants and contributions accounted for 26% of the governmental activities resources. Most of these resources apply to educational operations. These resources offset costs within the school department and supplement their general fund operating budget.
- Capital grants and contributions accounted for 6% of the governmental activities resources. Most of these resources apply to MSBA reimbursement for the High School construction project, funding related

- to the Municipal Airport construction project, State grants for roadways improvements and community preservation State revenue.
- Property taxes are by far the most significant revenue source for the Town's governmental activities.
   They comprised 56% of current resources.
- All other taxes and other revenues comprised a total of 8% of the governmental activities resources.
   These primarily include excise taxes, community preservation taxes and nonrestricted grants and contributions.
- Education is by far the largest governmental activity of the Town. Approximately \$43.3 million in taxes and other revenue were needed to cover its 2016 operating expenses. A pension contribution of approximately \$7.8 million made by the state on-behalf of Marshfield teachers was recorded as an expense and grant revenue.
- Public safety and general government are the second and third largest activities of the Town.
   Approximately \$14.6 million and \$2.5 million, respectively, of taxes and other revenue were needed to cover their 2016 operating expenses.

**Business-type activities.** Business-type activities increased the Town's net position by \$2.1 million compared to a decrease of approximately \$226,000 during the previous year. Included in the results for 2016 were nonreciprocal transfers to the enterprise funds from nonmajor governmental funds in the amount of \$1.7 million.

The Sewer enterprise fund experienced a decrease in net position of approximately \$47,000 while the Water and Solid Waste enterprise funds both experienced increases in net position of \$1.7 million and \$439,000, respectively. Charges for services increased 9% when compared to the prior year while expenses for labor, operations, and depreciation increased just over 5%.

As shown below, business-type activities assets and deferred outflows exceeded liabilities and deferred inflows by \$57.8 million at the close of 2016. The net investment in capital assets is \$52.3 million (90%) while unrestricted net position is \$5.5 million (10%). These results continue to reflect management's goal of maintaining the systems while only charging users for the actual cost of operations.

	 2016	 2015
Assets:		
Current assets	\$ 14,684,731	\$ 14,143,419
Noncurrent assets (excluding capital)	1,931,614	2,242,297
Capital assets, not being depreciated	7,452,270	8,106,876
Capital assets, net of accumulated depreciation	 61,175,915	 59,596,868
Total assets	 85,244,530	 84,089,460
Total Deferred Outflows of Resources	 953,357	 344,066
Liabilities:		
Current liabilities (excluding debt)	873,637	731,091
Noncurrent liabilities (excluding debt)	10,138,358	9,375,422
Current debt	1,714,245	4,300,086
Noncurrent debt	15,639,377	 14,334,621
Total liabilities	28,365,617	 28,741,220
Total Deferred Inflows of Resources	 22,913	 
Net Position:		
Net investment in capital assets	52,272,970	52,115,038
Unrestricted	 5,536,387	 3,577,268
Total net position	\$ 57,809,357	\$ 55,692,306

	2016		2015
Program revenues:			
Charges for services\$	10,867,729	\$	9,981,999
Operating grants and contributions	67,918		77,281
Capital grants and contributions	235,507		297,160
General revenues:			
Unrestricted investment income	217,847		54,233
Total revenues	11,389,001		10,410,673
Expenses:			
Sewer	4,048,263		3,911,778
Water	3,747,914		3,859,098
Solid waste	3,161,419		2,667,770
Total expenses	10,957,596		10,438,646
Excess (Deficiency) before transfers	431,405		(27,973)
Transfers	1,685,646	_	(197,950)
Change in net position	2,117,051		(225,923)
Net position - beginning	55,692,306	_	55,918,229
Net position - ending \$_	57,809,357	\$	55,692,306

## Financial Analysis of the Government's Major Funds

As noted earlier, the Town of Marshfield uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements.

**Governmental funds.** The focus of the Town's governmental funds is to provide information on near-term inflows, outflows, and balances of spendable resources. Such information is useful in assessing the Town's financing requirements. In particular, the unassigned fund balance may serve as a useful measure of a government's net resources available for spending at the end of the year.

As of the end of the current year, governmental funds reported combined ending fund balances of \$14.6 million, an increase of \$5.1 million from the prior year. The increase mainly relates to timing differences in the nonmajor Town capital project funds where State grant revenue and bond proceeds exceeded expenditures.

## General Fund

The General fund is the chief operating fund of the Town. At the end of the current year, the unassigned fund balance of the general fund was \$4.4 million, while the total fund balance was \$6.5 million. As a measure of the general fund's liquidity, it may be useful to compare both the unassigned fund balance and the total fund balance to total fund expenditures. The unassigned fund balance represents 5% of total general fund expenditures, while the total fund balance represents 7% of that same amount.

The fund balance of the General Fund decreased \$3.0 million during 2016. This change is mainly the result of a \$1.7 million transfer to the High School Capital Projects fund and a transfer of \$1.6 million to the nonmajor funds from prior year reserves.

### Community Preservation Fund

The Community Preservation fund is used to account for the acquisition, creation, and preservation of open space, outdoor recreation, historical resources, and affordable housing. During the year the Town received \$1.9 million in assessments and state grants and had expenditures of \$2.5 million for various capital projects.

## High School Capital Projects Fund

The High School Capital Projects fund is used to account for financial resources to be used for the construction of the new High School. During the year the Town issued \$177,000 in long-term bonds and \$5 million in BANs to fund the construction projects. The Town spent \$1.1 million on construction costs and was reimbursed \$747,000 million from the MSBA for high school construction costs. The fund balance increased \$1.5 million from the prior year after receiving a \$1.7 million transfer of prior year bond premiums from the general fund.

**Proprietary funds.** The Town's proprietary funds provide the same type of information found in the government-wide financial statements, but in more detail.

The Sewer enterprise fund is used to account for sewage treatment operations. Total revenues amounted to \$3,303,000 as compared to \$3,087,000 in the prior year and total expenses increased by \$364,000 from the prior year. Net position decreased by \$47,000 compared to a decrease of \$913,000 in the prior year.

The Water enterprise fund is used to account for water distribution operations. Total revenues amounted to \$4,660,000 as compared to \$4,291,000 in the prior year and expenses increased by \$423,000 from the prior year. Net position increased by \$1.7 million compared to an increase of \$368,000 in the prior year.

The Solid Waste fund is used to account for the Town's solid waste disposal operations. Total revenues amounted to \$3,426,000 as compared to \$3,032,000 in the prior year and expenses increased by \$494,000. Net position increased by \$439,000 compared to an increase of \$320,000 in the prior year.

## **General Fund Budgetary Highlights**

The final general fund budget appropriations, including transfers, were approximately \$4 million higher than the original budget primarily due to transfers to the High School and Town capital project funds.

Total general fund revenues were slightly higher than budgeted amounts. Actual expenditures, including carryovers, were lower than budgeted amounts by approximately \$632,000, or just less than 1%.

## **Capital Asset and Debt Administration**

In conjunction with the operating budget, the Town annually prepares a capital budget for the upcoming year and a five-year Capital Improvement Plan (CIP) that is used as a guide for future capital expenditures.

Governmental capital assets, net of accumulated depreciation, at year end amounted to approximately \$225 million which represented a net increase of \$164,000 from the prior year. Major current additions included School projects and infrastructure additions. Depreciation expense of \$10.9 million was recorded in year 2016 which increased \$5.2 million from the prior year. This increase can be attributable to the new High School being depreciated for the first year in 2016.

Enterprise fund capital assets, net of accumulated depreciation, were valued at \$68.6 million at year end. Current year additions totaled approximately \$3.1 million. Depreciation expense of \$2.2 million was recorded in year 2016.

The Town's total long-term debt increased by \$1.6 million during the current year. This was due to the net effect of \$10.8 million of proceeds for various governmental and enterprise projects and \$9.2 million of scheduled principal payments.

Outstanding long-term debt of the general government, as of June 30, 2016, totaled \$74.4 million, of which, \$51.5 million is related to school projects, \$1.6 million is related to the general government's 40% share of sewer debt, \$7.3 million is related to sea wall and harbor projects, \$3.5 million is related to qualified energy conservation bonds, leaving a balance of \$10.5 million for infrastructure and other Town projects.

The enterprise funds have \$17 million in sewer, water, and solid waste debt that is fully supported by the rates and do not rely on a general fund subsidy beyond the Town's bylaw that splits the debt service requirements of certain sewer projects on a ratio of 60% from the sewer fund and 40% from the general fund.

Please refer to footnotes 4, 6, and 7 for further discussion of the major capital asset and debt activity.

## Requests for Information

This financial report is designed to provide a general overview of the Town of Marshfield's finances for all those with an interest in the government's finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to the Board of Selectmen, Town Hall, 870 Moraine Street, Marshfield, Massachusetts 02050-3498.

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## **Basic Financial Statements**

#### STATEMENT OF NET POSITION

## JUNE 30, 2016

	Primary Government					
	Governmental Activities	Business-type Activities		Total		
ASSETS						
CURRENT:						
Cash and cash equivalents\$	22,486,173	\$ 9,093,640	\$	31,579,813		
Investments	277,923	-		277,923		
Receivables, net of allowance for uncollectibles:	4.040.470			4.040.470		
Real estate, personal property and tax deferrals	4,019,178	-		4,019,178		
Tax liens  Motor vehicle and other excise taxes	666,046	-		666,046 922,821		
User charges	922,821	5,303,795		5,303,795		
Departmental and other	1,098,457	3,303,793		1,098,457		
•	1,000,407	205 442				
Special assessments	4 277 050	205,443		205,443		
Tax foreclosures	4,377,958 576,793	81,853		4,459,811 576,793		
Tax Torectosures.	370,733	· · · · · · · · · · · · · · · · · · ·		370,793		
Total Current Assets	34,425,349	14,684,731		49,110,080		
NONCURRENT:						
Receivables, net of allowance for uncollectibles:						
Special assessments	-	1,443,015		1,443,015		
Intergovernmental	4,413,077	488,599		4,901,676		
Capital assets, nondepreciable	29,425,102	7,452,270		36,877,372		
Capital assets, net of accumulated depreciation	195,647,458	61,175,915		256,823,373		
Total Noncurrent Assets	229,485,637	70,559,799		300,045,436		
TOTAL ASSETS	263,910,986	85,244,530		349,155,516		
DEFERRED OUTFLOWS OF RESOURCES  Deferred outflows of resources related to pensions	4,953,529	953,357		5,906,886		
			_			
LIABILITIES						
CURRENT:						
Warrants payable	1,685,244	551,308		2,236,552		
Accrued payroll	2,566,653	26,167		2,592,820		
Accrued interest	409,969	135,662		545,631		
Landfill closure	-	28,500		28,500		
Compensated absences	1,635,000	132,000		1,767,000		
Notes payable	6,441,600	117,400		6,559,000		
Bonds payable	7,210,493	1,596,845		8,807,338		
Total Current Liabilities	19,948,959	2,587,882		22,536,841		
NONCURRENT:						
Landfill closure	-	356,250		356,250		
Compensated absences	2,819,000	_		2,819,000		
Other postemployment benefits.	32,692,622	1,686,555		34,379,177		
Bonds payable	71,797,166	15,639,377		87,436,543		
Net pension liability	42,063,539	8,095,553		50,159,092		
Total Noncurrent Liabilities	149,372,327	25,777,735		175,150,062		
TOTAL LIABILITIES	169,321,286	28,365,617	_	197,686,903		
	100,021,200	20,000,011		,000,000		
DEFERRED INFLOWS OF RESOURCES  Deferred inflows of resources related to pensions	119,058	22,913		141,971		
	·		_			
NET POSITION						
Net investment in capital assets	149,244,882	52,272,970		201,517,852		
Restricted for:						
Permanent funds:						
Expendable	1,379,889	-		1,379,889		
Nonexpendable	1,258,385	-		1,258,385		
Grants and gifts	1,741,275	-		1,741,275		
Community preservation	3,625,095			3,625,095		
Unrestricted	(57,825,355)	5,536,387		(52,288,968)		
TOTAL NET POSITION\$	99,424,171	\$ 57,809,357	\$	157,233,528		

See notes to basic financial statements.

## STATEMENT OF ACTIVITIES

## YEAR ENDED JUNE 30, 2016

		-	Program Revenues					
Functions/Programs Primary Government: Governmental Activities:	Expenses	-	Charges for Services	-	Operating Grants and Contributions		Capital Grants and Contributions	 Net (Expense) Revenue
General government\$  Public safety	5,454,536 17,642,972	\$	352,237 1,897,114	\$	1,390,593 1,173,709	\$	1,262,125	\$ (2,449,581) (14,572,149)
Education	71,400,698		2,379,114		24,968,407		746,505	(43,306,672)
Public works  Health and human services	5,425,790 1,359,699		143,925 88,057		180,623 67,811		4,331,117 -	(770,125) (1,203,831)
Culture and recreation	1,938,060 524,802		334,080		27,809		- 442,132	(1,576,171) (82,670)
Interest	2,040,212	-		-	407,956		-	(1,632,256)
Total Governmental Activities	105,786,769	-	5,194,527	-	28,216,908		6,781,879	(65,593,455)
Business-Type Activities:								
Sewer	4,048,263		2,891,655		67,918		235,507	(853,183)
Water	3,747,914		4,550,875		-		-	802,961
Solid waste	3,161,419	-	3,425,199	-				263,780
Total Business-Type Activities	10,957,596	-	10,867,729	-	67,918		235,507	213,558
Total Primary Government \$	116,744,365	\$	16,062,256	\$	28,284,826	\$	7,017,386	\$ (65,379,897)

See notes to basic financial statements.

(Continued)

# STATEMENT OF ACTIVITIES

# YEAR ENDED JUNE 30, 2016

	Primary Government					
	_	Governmental Activities	Business-Type Activities			Total
Changes in net position:						
Net (expense) revenue from previous page	\$	(65,593,455)	\$	213,558	\$	(65,379,897)
General revenues:						
Real estate and personal property taxes,						
net of tax refunds		60,592,898		-		60,592,898
Tax liens		52,279		-		52,279
Motor vehicle and other excise taxes		4,634,720		-		4,634,720
Community preservation tax		1,321,967		-		1,321,967
Penalties and interest on taxes		287,375		-		287,375
Grants and contributions not restricted to						
specific programs		2,528,692		-		2,528,692
Unrestricted investment income		90,134		217,847		307,981
Miscellaneous		51,348		-		51,348
Transfers, net	-	(1,685,646)	_	1,685,646	_	
Total general revenues and transfers	-	67,873,767	_	1,903,493		69,777,260
Change in net position		2,280,312		2,117,051		4,397,363
Net position:						
Beginning of year	-	97,143,859	_	55,692,306	_	152,836,165
End of year	\$	99,424,171	\$_	57,809,357	\$_	157,233,528

See notes to basic financial statements.

(Concluded)

#### **GOVERNMENTAL FUNDS**

#### BALANCE SHEET

JUNE 30, 2016

100570	_	General		Community Preservation Fund		High School Capital Projects		Nonmajor Governmental Funds	_	Total Governmental Funds
ASSETS:	•	0.077.740	•	0.400.050	•	0.007.440	•	7 004 754	Φ.	00 400 470
Cash and cash equivalents	\$	8,977,743	\$	3,409,258	\$	2,237,418	\$	,,	\$	22,486,173
Investments		-		-		-		277,923		277,923
Receivables, net of uncollectibles:		4.040.470								4.040.470
Real estate, personal property and tax deferrals		4,019,178 666,046		-		-		-		4,019,178 666,046
Tax liens		,		-		-		-		,
Motor vehicle and other excise taxes		922,821		-		-		-		922,821
Departmental and other		1,056,940		41,517		4 400 450		- 0.045.004		1,098,457
Intergovernmental		5,336,969		302,589		1,136,456		2,015,021		8,791,035
Tax foreclosures		576,793		-		-		-		576,793
Due from other funds	-			-				298,619	-	298,619
TOTAL ASSETS	\$	21,556,490	\$	3,753,364	\$	3,373,874	\$	10,453,317	\$	39,137,045
LIADULTICO										
LIABILITIES:	Φ.	400.040	Φ	407.005	Φ.	00.050	Φ.	000 000	<b>ው</b>	4 005 044
Warrants payable	Ф	463,212	Ф	127,965	\$	98,059	Ф	996,008	Ф	1,685,244
Accrued payroll		2,488,706		304		-		77,643		2,566,653
Due to other funds		-		-		-		298,619		298,619
Notes payable	-			<u>-</u>		5,000,000		1,441,600	-	6,441,600
TOTAL LIABILITIES	_	2,951,918		128,269		5,098,059		2,813,870	_	10,992,116
DEFERRED INFLOWS OF RESOURCES:										
Unavailable revenues	-	12,153,738		344,105				1,067,092	_	13,564,935
FUND BALANCES:										
Nonspendable		_		_		_		1,258,385		1,258,385
Restricted		1,972,217		3,280,990		_		5,784,809		11,038,016
Committed		-		-		_		180,177		180,177
Assigned		71,327		_		-		-		71,327
Unassigned		4,407,290		_		(1,724,185)		(651,016)		2,032,089
•	-		•				•	<u>, , -7</u>	-	
TOTAL FUND BALANCES	-	6,450,834		3,280,990		(1,724,185)		6,572,355	-	14,579,994
TOTAL LIABILITIES, DEFERRED INFLOWS OF										
RESOURCES AND FUND BALANCES	\$	21,556,490	\$	3,753,364	\$	3,373,874	\$	10,453,317	\$	39,137,045

# RECONCILIATION OF THE GOVERNMENTAL FUNDS BALANCE SHEET TOTAL FUND BALANCES TO THE STATEMENT OF NET POSITION

# JUNE 30, 2016

Total governmental fund balances		\$	14,579,994
Capital assets (net) used in governmental activities are not financial resources			
and, therefore, are not reported in the funds			225,072,560
Accounts receivable are not available to pay for current-period			
expenditures and, therefore, are unavailable in the funds			13,564,935
Certain changes in the net pension liability are required to be included in pension			
expense over future periods. These changes are reported as deferred outflows			
of resources or (deferred inflows of resources) related to pensions			4,834,471
In the statement of activities, interest is accrued on outstanding long-term debt,			
whereas in governmental funds interest is not reported until due			(409,969)
Long-term liabilities are not due and payable in the current period and, therefore,			
are not reported in the governmental funds:			
Bonds payable	(79,007,659)		
Net pension liability	(42,063,539)		
Other postemployment benefits	(32,692,622)		
Compensated absences	(4,454,000)		
Net effect of reporting long-term liabilities.		_	(158,217,820)
Net position of governmental activities		\$_	99,424,171

#### GOVERNMENTAL FUNDS

# STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES

#### YEAR ENDED JUNE 30, 2016

REVENUES:	General	Community Preservation Fund	High School Capital Projects	Nonmajor Governmental Funds		Total Governmental Funds
Real estate and personal property taxes,						
net of tax refunds\$	59,188,657	\$ -	\$ -	\$ -	\$	59,188,657
Tax liens	137,497	Ψ <u>-</u>	Ψ _	Ψ _	Ψ	137,497
Motor vehicle and other excise taxes.	4,183,427	_	_	_		4,183,427
Penalties and interest on taxes	282,584	4,791	_	_		287,375
Charges for services	1,127,430	4,731	_	60,363		1,187,793
Intergovernmental	25,759,556	549,215	746,505	10,120,703		37,175,979
Departmental and other	921,992	0-10,210	7-10,000	3,858,464		4,780,456
Community preservation taxes.	321,332	1,322,637	_	3,030,404		1,322,637
Contributions.	_	1,022,007	_	499,223		499,223
Investment income.	51,392	7,929		30,813		90,134
investment income	31,392	1,929	· -	30,013	-	30,134
TOTAL REVENUES	91,652,535	1,884,572	746,505	14,569,566		108,853,178
EXPENDITURES: Current:						
General government	3,200,750			2,991,429		6,192,179
Public safety	10,278,390	-	-	1.035.692		11,314,082
Education	51,968,626	-	1,086,740	5,134,804		58,190,170
Public works.	1,726,342	-	1,000,740	5,067,584		6,793,926
Health and human services.		-	-			
Culture and recreation	872,185 762,224	-	-	192,604 528,077		1,064,789 1,290,301
Pension benefits	,	-	-	526,077		5,135,671
	5,135,671	-	-	-		
Property and liability insurance	818,546	-	-	-		818,546
Employee benefits  Community preservation	6,337,382	2,481,508	-	-		6,337,382 2,481,508
State and county charges	- 746,141	2,461,306	-	-		746,141
Debt service:	740,141	-	-	-		740,141
Principal	6,900,734					6,900,734
•		-	-	-		
Interest	2,930,395	-	- <u> </u>			2,930,395
TOTAL EXPENDITURES	91,677,386	2,481,508	1,086,740	14,950,190		110,195,824
EXCESS (DEFICIENCY) OF REVENUES						
OVER (UNDER) EXPENDITURES	(24,851)	(596,936)	(340,235)	(380,624)		(1,342,646)
OTHER FINANCING SOURCES (USES):						
Issuance of long-term debt	-	-	177,000	7,675,500		7,852,500
Premium from issuance of bonds	236,747	-	, <u>-</u>	-		236,747
Transfers in	93,502	-	1,693,736	1,618,693		3,405,931
Transfers out	(3,308,949)		<u> </u>	(1,782,628)		(5,091,577)
TOTAL OTHER FINANCING SOURCES (USES)	(2,978,700)		1,870,736	7,511,565		6,403,601
NET CHANGE IN FUND BALANCES	(3,003,551)	(596,936)	1,530,501	7,130,941		5,060,955
FUND BALANCES AT BEGINNING OF YEAR	9,454,385	3,877,926	(3,254,686)	(558,586)		9,519,039
FUND BALANCES AT END OF YEAR\$	6,450,834	\$ 3,280,990	\$ (1,724,185)	\$ 6,572,355	\$	14,579,994

# RECONCILIATION OF THE STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCES OF GOVERNMENTAL FUNDS TO THE STATEMENT OF ACTIVITIES

#### YEAR ENDED JUNE 30, 2016

let change in fund balances - total governmental funds	\$	5,060,95
Governmental funds report capital outlays as expenditures. However, in the		
Statement of Activities the cost of those assets is allocated over their		
estimated useful lives and reported as depreciation expense:		
Capital outlay	11,075,339	
Depreciation expense	(10,911,178)	
Net effect of reporting capital assets		164,16
Revenues in the Statement of Activities that do not provide current financial		
resources are unavailable in the Statement of Revenues, Expenditures and		
Changes in Fund Balances. Therefore, the recognition of revenue for various		
types of accounts receivable (i.e., real estate and personal property, motor		
vehicle excise, etc.) differ between the two statements. This amount represents		
the net change in unavailable revenue		899,54
The issuance of long-term debt (e.g., bonds and leases) provides current financial		
resources to governmental funds, while the repayment of the principal of long-		
term debt consumes the financial resources of governmental funds. Neither		
transaction, however, has any effect on net position. Also, governmental funds		
report the effect of premiums, discounts, and similar items when debt is		
first issued, whereas these amounts are unavailable and amortized in the		
Statement of Activities:		
Issuance of long-term debt	(7,852,500)	
Amortization of bond premium	612,677	
Debt service principal payments	6,900,734	
Net effect of reporting long-term debt		(339,08
Some expenses reported in the Statement of Activities do not require the use of		
current financial resources and, therefore, are not reported as expenditures		
in the governmental funds:		
Net change in compensated absences accrual	(105,000)	
Net change in accrued interest on long-term debt	40,759	
Net change in other postemployment benefits accrual	(3,084,208)	
Net change in pension liability	(3,403,560)	
Net change in deferred outflow/(inflow) of resources related to pensions	3,046,745	
Net effect of recording long-term liabilities	_	(3,505,26
	_	
nange in net position of governmental activities	\$_	2,280,31

# PROPRIETARY FUNDS STATEMENT OF NET POSITION

JUNE 30, 2016

		Вι	usiness-type Activit	ies -	Enterprise Funds	3	
					Solid		
	Sewer		Water		Waste		Total
ASSETS	Sewei	-	water	-	wasie	-	Total
CURRENT:							
Cash and cash equivalents\$	1.162.677	\$	5,052,057	\$	2,878,906	\$	9,093,640
Receivables, net of allowance for uncollectibles:	1,102,011	Ψ	0,002,007	Ψ	2,070,000	Ψ	0,000,010
User charges	1,763,248		1,978,799		1,561,748		5,303,795
Special assessments	205,443		1,970,799		1,501,740		205,443
Intergovernmental	81,853		_				81,853
intergovernmental	01,000	-		-		-	01,000
Total current assets	3,213,221	-	7,030,856	-	4,440,654	_	14,684,731
NONCURRENT:							
Receivables, net of allowance for uncollectibles:							
Intergovernmental	488,599		_		_		488,599
Special assessments	1,443,015		_		_		1,443,015
Capital assets, nondepreciable	129,435		7,231,026		91,809		7,452,270
Capital assets, nortdepreciable	30,698,978		28,592,363		1,884,574		61,175,915
		-		-	,,-	-	
Total noncurrent assets	32,760,027	-	35,823,389	-	1,976,383	_	70,559,799
TOTAL ASSETS	35,973,248	_	42,854,245	_	6,417,037	_	85,244,530
DEFERRED OUTFLOWS OF RESOURCES							
Deferred outflows of resources related to pensions	357.653		387,995		207,709		953,357
		-		-	===,:==	-	
LIABILITIES CURRENT:							
Warrants payable	331,210		35,090		185,008		551,308
Accrued payroll	7,724		12,012		6,431		26,167
Accrued interest	78,799		55,185		1,678		135,662
Landfill closure	70,733		55,105		28,500		28,500
Compensated absences	22,000		59,000		51,000		132,000
	22,000		38,400		79,000		117,400
Notes payableBonds payable	647,642		904,203		45,000		1,596,845
Bondo payable	047,042	-	304,200	-	45,000	-	1,000,040
Total current liabilities	1,087,375	-	1,103,890	-	396,617	_	2,587,882
NONCURRENT:							
Landfill closure	-		-		356,250		356,250
Other postemployment benefits	512.175		837,348		337,032		1,686,555
Bonds payable	6,715,927		7,317,450		1,606,000		15,639,377
Net pension liability	3,037,059		3,294,707		1,763,787		8,095,553
	2,221,222	-	-,,	-	.,,	-	5,555,555
Total noncurrent liabilities	10,265,161	-	11,449,505		4,063,069	_	25,777,735
TOTAL LIABILITIES	11,352,536	_	12,553,395	-	4,459,686	_	28,365,617
DEFENDED INEL OWO OF DECOURAGE							
DEFERRED INFLOWS OF RESOURCES  Deferred inflows of resources related to pensions	8,596		9,325		4,992		22,913
Defended inflowed of resources related to pensions	0,090	-	9,020	-	7,332	-	22,313
NET POSITION							
Net investment in capital assets	22,562,519		27,862,638		1,847,813		52,272,970
Unrestricted	2,407,250	_	2,816,882		312,255		5,536,387
TOTAL NET POSITION\$	24 060 760	ď	20 670 520	σ.	2 160 069	•	57 900 257
101AL NET FUSITION	24,969,769	\$	30,679,520	\$	2,160,068	\$ _	57,809,357

# PROPRIETARY FUNDS

# STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

#### YEAR ENDED JUNE 30, 2016

	Business-type Activities - Enterprise Funds				
			Solid		
	Sewer	Water	Waste	Total	
OPERATING REVENUES:					
Charges for services	\$2,891,655	\$4,550,875_	\$ 3,425,199	\$ <u>10,867,729</u>	
OPERATING EXPENSES:					
Salaries, wages, and fringe benefits	1,066,168	1,342,952	728,971	3,138,091	
Maintenance and operations	1,441,826	1,437,507	2,217,015	5,096,348	
Depreciation	1,248,374	754,250	208,158	2,210,782	
TOTAL OPERATING EXPENSES	3,756,368	3,534,709	3,154,144	10,445,221	
OPERATING INCOME (LOSS)	(864,713)	1,016,166	271,055	422,508	
NONOPERATING REVENUES (EXPENSES):					
Investment income	107,530	109,444	873	217,847	
Interest expense	(291,895)	(213,205)	(7,275)	(512,375)	
Intergovernmental	67,918			67,918	
TOTAL NONOPERATING					
REVENUES (EXPENSES), NET	(116,447)	(103,761)	(6,402)	(226,610)	
INCOME (LOSS) BEFORE CONTRIBUTIONS AND TRANSFERS	(981,160)	912,405	264,653	195,898	
CAPITAL CONTRIBUTIONS	235,507			235,507	
TRANSFERS:					
Transfers in	698,685	812,129	174,832	1,685,646	
CHANGE IN NET POSITION	(46,968)	1,724,534	439,485	2,117,051	
NET POSITION AT BEGINNING OF YEAR	25,016,737	28,954,986	1,720,583	55,692,306	
NET POSITION AT END OF YEAR	\$ 24,969,769	\$ 30,679,520	\$ 2,160,068	\$ 57,809,357	

# **PROPRIETARY FUNDS**STATEMENT OF CASH FLOWS

# YEAR ENDED JUNE 30, 2016

	Business-type Activities - Enterprise Funds						
	Sewer	_	Water		Solid Waste	Total	
CASH FLOWS FROM OPERATING ACTIVITIES:							
Receipts from customers and users\$	2,593,281	\$	4,007,221	\$	3,009,494 \$	9,609,996	
Payments to vendors	(1,348,377)		(1,443,439)	·	(2,066,348)	(4,858,164)	
Payments to employees	(1,063,076)	_	(1,285,257)		(692,419)	(3,040,752)	
NET CASH FROM OPERATING ACTIVITIES	181,828	_	1,278,525		250,727	1,711,080	
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES:							
Transfers in	698,685	_	812,129		174,832	1,685,646	
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES:							
Proceeds from the issuance of bonds and notes	26,446		305,000		50,000	381,446	
Capital contributions	473,968		-		-	473,968	
Acquisition and construction of capital assets	(1,722,712)		(1,232,511)		(180,000)	(3,135,223)	
Principal payments on bonds and notes	(579,060)		(903,194)		(45,000)	(1,527,254)	
Interest expense	(233,143)	_	(250,637)		(7,838)	(491,618)	
NET CASH FROM CAPITAL AND RELATED FINANCING ACTIVITIES	(2,034,501)	_	(2,081,342)		(182,838)	(4,298,681)	
CASH FLOWS FROM INVESTING ACTIVITIES:							
Investment income	107,530	_	109,444		873	217,847	
NET CHANGE IN CASH AND CASH EQUIVALENTS	(1,046,458)		118,756		243,594	(684,108)	
CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	2,209,135	_	4,933,301		2,635,312	9,777,748	
CASH AND CASH EQUIVALENTS, END OF YEAR\$	1,162,677	\$ _	5,052,057	\$	2,878,906 \$	9,093,640	
RECONCILIATION OF OPERATING INCOME (LOSS) TO NET CASH FROM OPERATING ACTIVITIES: Operating income (loss)\$ Adjustments to reconcile operating income (loss) to net	(864,713)	\$_	1,016,166	\$	271,055 \$	422,508	
cash from operating activities:							
Depreciation	1,248,374		754,250		208,158	2,210,782	
Deferred outflows/(inflows) related to pensions	(219,980)		(238,643)		(127,755)	(586,378)	
Changes in assets and liabilities:	/ ··		( · ·				
User charges	(298,374)		(543,654)		(415,705)	(1,257,733)	
Warrants payable	93,449		(5,932)		179,167	266,684	
Accrued payroll	(32,495)		(33,008)		(22,516)	(88,019)	
Landfill closure	-		-		(28,500)	(28,500)	
Net pension liability	245,742		266,590		142,716	655,048	
Compensated absences	(35,000)		(19,000)		12,000	(42,000)	
Other postemployment benefits	44,825	-	81,756		32,107	158,688	
Total adjustments	1,046,541	_	262,359		(20,328)	1,288,572	
NET CASH FROM OPERATING ACTIVITIES\$	181,828	\$ _	1,278,525	\$	250,727 \$	1,711,080	
NONCASH INVESTING, CAPITAL, AND FINANCING ACTIVITIES:							
Intergovernmental principal and interest subsidies\$	146,009	\$	-	\$	- \$	146,009	

# FIDUCIARY FUNDS

# STATEMENT OF FIDUCIARY NET POSITION

# JUNE 30, 2016

	Private Purpose Trust Funds		Agency Fund
ASSETS			
Cash and cash equivalents\$	236,645	\$	1,440,901
Liabilities due depositors		<b>.</b>	1,440,901
NET POSITION  Held in trust for other purposes\$	236,645	\$	

# FIDUCIARY FUNDS

# STATEMENT OF CHANGES IN FIDUCIARY NET POSITION

# YEAR ENDED JUNE 30, 2016

		Private Purpose Trust Funds
ADDITIONS:		
Contributions:		
Private donations	\$	1,978
Net investment income:		
Interest		19,695
TOTAL ADDITIONS	·	21,673
<u>DEDUCTIONS:</u>		
Educational scholarships		1,921
CHANGE IN NET POSITION		19,752
NET POSITION AT BEGINNING OF YEAR		216,893
NET POSITION AT END OF YEAR	\$	236,645

#### **NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

The accompanying basic financial statements of the Town of Marshfield, Massachusetts (the Town) have been prepared in accordance with accounting principles generally accepted in the United States of America (GAAP). The Governmental Accounting Standards Board (GASB) is the recognized standard-setting body for establishing governmental accounting and financial reporting principles. The significant accounting policies are described herein.

#### A. Reporting Entity

The Town of Marshfield, Massachusetts, was incorporated in 1640, and has a Town Meeting form of government with administrative authority vested in a three-member Board of Selectmen and an appointed Town Administrator. The Town's major operations include police and fire protection, parks, library, recreation, public works, education, and general administrative services. In addition, the Town owns and operates a water system, sewer system and a solid waste transfer station.

For financial reporting purposes, the Town has included all funds, organizations, agencies, boards, commissions and institutions. The Town has also considered all potential component units for which it is financially accountable as well as other organizations for which the nature and significance of their relationship with the Town are such that exclusion would cause the basic financial statements to be misleading or incomplete. As required by GAAP, these basic financial statements present the Town (the primary government) and its component units. It has been determined that the Town has no component units that require inclusion in these basic financial statements.

#### B. Government-Wide and Fund Financial Statements

#### Government-Wide Financial Statements

The government-wide financial statements (i.e., statement of net position and the statement of changes in net position) report information on all of the non-fiduciary activities of the primary government and its component units.

Governmental activities, which are primarily supported by taxes and intergovernmental revenues, are reported separately from business-type activities, which are supported primarily by user fees and charges.

#### Fund Financial Statements

Separate financial statements are provided for governmental funds, proprietary funds, and fiduciary funds, even though fiduciary funds are excluded from the government-wide financial statements. Major individual governmental funds and major individual enterprise funds are reported as separate columns in the fund financial statements. Nonmajor funds are aggregated and displayed in a single column.

# Major Fund Criteria

Major funds must be reported if the following criteria are met:

If the total assets and deferred outflows of resources, liabilities and deferred inflows of resources, revenues, or expenditures/expenses of an individual governmental or enterprise fund are at least 10 percent of the corresponding element (assets, liabilities, etc.) for all funds of that category or type (total governmental or total enterprise funds), and

 If the total assets and deferred outflows of resources, liabilities and deferred inflows of resources, revenues, or expenditures/expenses of the individual governmental fund or enterprise fund are at least 5 percent of the corresponding element for all governmental and enterprise funds combined.

Additionally, any other governmental or enterprise fund that management believes is particularly significant to the basic financial statements may be reported as a major fund.

Fiduciary funds are reported by fund type.

#### C. Measurement Focus, Basis of Accounting and Financial Statement Presentation

#### Government-Wide Financial Statements

The government-wide financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Under this method, revenues are recorded when earned and expenses are recorded when the liabilities are incurred. Real estate and personal property taxes are recognized as revenues in the year for which they are levied. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met.

The statement of activities demonstrates the degree to which the direct expenses of a particular function or segment are offset by program revenues. Direct expenses are those that are clearly identifiable with a specific function or segment. Program revenues include the following:

- Charges to customers or applicants who purchase, use, or directly benefit from goods, services, or privileges provided by a given function or segment.
- Grants and contributions that are restricted to meeting the operational requirements of a particular function or segment.
- Grants and contributions that are restricted to meeting the capital requirements of a particular function or segment.

Taxes and other items not identifiable as program revenues are reported as general revenues.

For the most part, the effect of interfund activity has been removed from the government-wide financial statements. Exceptions are charges between the general fund and sewer, water and solid waste enterprise funds. Elimination of these charges would distort the direct costs and program revenues reported for the functions affected.

#### Fund Financial Statements

Governmental fund financial statements are reported using the flow of current financial resources measurement focus and the modified accrual basis of accounting. Under the modified accrual basis of accounting, revenues are recognized when susceptible to accrual (i.e., when measurable and available). Measurable means the amount of the transaction can be determined and available means collectible within the current period or soon enough thereafter to pay liabilities of the current period. Expenditures are recorded when the related fund liability is incurred, except for unmatured interest on general long-term debt which is recognized when due, and certain compensated absences, claims and judgments which are recognized when the amounts have matured or are due and payable.

Real estate and personal property tax revenues are considered available if they are collected within 60 days after year-end. Investment income is susceptible to accrual. Other receipts and tax revenues become measurable and available when the cash is received and are recognized as revenue at that time.

Entitlements and shared revenues are recorded at the time of receipt or earlier if the susceptible to accrual criteria is met. Expenditure driven grants recognize revenue when the qualifying expenditures are incurred and all other grant requirements are met.

The following major governmental funds are reported:

The *General fund* is the primary operating fund. It is used to account for all financial resources, except those that are required to be accounted for in another fund.

The Community Preservation fund is used to account for funds received in accordance with the Community Preservation Act (the CPA). Funds are received under the CPA through a surcharge of up to 3% of the real property tax levy and matching state grants. The funds are spent for the acquisition, creation, and preservation of open space, outdoor recreation, historical resources, and affordable housing.

The High School Capital Project fund is used to account for financial resources to expand and upgrade the High School.

The nonmajor governmental funds consist of special revenue and permanent funds that are aggregated and presented in the *nonmajor governmental funds* column on the governmental funds financial statements. The following describes the general use of these fund types:

The *special revenue fund* is used to account for and report the proceeds of specific revenue sources that are restricted or committed to expenditure for specified purposes other than permanent funds or capital projects.

The *capital projects fund* is used to account for and report financial resources that are restricted, committed, or assigned to expenditure for capital outlays, including the acquisition or construction of capital facilities and other capital assets of the governmental funds.

The *permanent fund* is used to account for and report financial resources that are legally restricted to the extent that only earnings, not principal, may be used for purposes that support the governmental programs.

**Proprietary** fund financial statements are reported using the flow of economic resources measurement focus and use the accrual basis of accounting. Under this method, revenues are recorded when earned and expenses are recorded when the liabilities are incurred.

Proprietary funds distinguish operating revenues and expenses from nonoperating items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with the proprietary funds principal ongoing operations. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses.

The following major proprietary funds are reported:

The Sewer enterprise fund is used to account for sewage treatment operations of the department of public works that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the costs (expenses, including depreciation) of providing goods and services to the general public on a continuing basis be financed or recovered primarily through user charges.

The *Water enterprise fund* is used to account for water distribution operations of the department of public works that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the costs (expenses, including depreciation) of providing goods and services to the general public on a continuing basis be financed or recovered primarily through user charges.

The Solid Waste enterprise fund is used to account for the Town's solid waste disposal operations of the public works that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the costs (expenses, including depreciation) of providing goods and services to the general public on a continuing basis be financed or recovered primarily through user charges.

**Fiduciary** fund financial statements are reported using the flow of economic resources measurement focus and use the accrual basis of accounting. Fiduciary funds are used to account for assets held in a trustee capacity for others that cannot be used to support the governmental programs.

The following fiduciary fund types are reported:

The *private-purpose trust fund* is used to account for trust arrangements that exclusively benefit individuals, private organizations, or other governments. Some of these trusts have donor restrictions and trustee policies that do not allow the endowment portion and any unrealized appreciation to be spent. The restrictions and trustee policies only allows the trustees to approve spending of the realized investment earnings. The Town mainly uses this fund to account for educational scholarships. An insignificant portion of the fund is used to account for the Town's cemetery trusts.

The agency fund is used to account for assets held in a purely custodial capacity. The Town's agency funds consist of off-duty work details, performance bonds, and fees collected on behalf of other governments. Agency funds apply the accrual basis of accounting for purposes of asset and liability recognition, but do not have a measurement focus.

# D. Cash and Investments

### Government-Wide and Fund Financial Statements

Cash and cash equivalents are considered to be cash on hand, demand deposits and short-term investments with an original maturity of three months or less from the date of acquisition.

Investments are carried at fair value. The fair values were determined by the closing price for those securities traded on national stock exchanges and the average bid-and-ask quotation for those securities traded in the overthe-counter market.

#### E. Fair Value Measurements

The Town reports required types of financial instruments in accordance with the fair value standards. These standards require an entity to maximize the use of observable inputs (such as quoted prices in active markets) and minimize the use of unobservable inputs (such as appraisals or valuation techniques) to determine fair value. Fair value standards also require the government to classify these financial instruments into a three-level hierarchy, based on the priority of inputs to the valuation technique or in accordance with net asset value practical expedient rules, which allow for either Level 2 or Level 3 depending on lock up and notice periods associated with the underlying funds.

Instruments measured and reported at fair value are classified and disclosed in one of the following categories:

Level 1 – Quoted prices are available in active markets for identical instruments as of the reporting date. Instruments, which are generally included in this category, include actively traded equity and debt securities, U.S. government obligations, and mutual funds with quoted market prices in active markets.

Level 2 – Pricing inputs are other than quoted in active markets, which are either directly or indirectly observable as of the reporting date, and fair value is determined through the use of models or other valuation methodologies. Certain fixed income securities, primarily corporate bonds, are classified as Level 2 because fair values are estimated using pricing models, matrix pricing, or discounted cash flows.

Level 3 – Pricing inputs are unobservable for the instrument and include situations where there is little, if any, market activity for the instrument. The inputs into the determination of fair value require significant management judgment or estimation.

In some instances the inputs used to measure fair value may fall into different levels of the fair value hierarchy and is based on the lowest level of input that is significant to the fair value measurement.

Market price is affected by a number of factors, including the type of instrument and the characteristics specific to the instrument. Instruments with readily available active quoted prices generally will have a higher degree of market price observability and a lesser degree of judgment used in measuring fair value. It is reasonably possible that change in values of these instruments will occur in the near term and that such changes could materially affect amounts reported in these financial statements. For more information on the fair value of the Town's financial instruments, see Note 2 – Cash and Investments.

#### F. Accounts Receivable

Government-Wide and Fund Financial Statements

The recognition of revenue related to accounts receivable reported in the government-wide financial statements and the proprietary funds and fiduciary funds financial statements are reported under the accrual basis of accounting. The recognition of revenue related to accounts receivable reported in the governmental funds financial statements are reported under the modified accrual basis of accounting.

#### Real Estate, Personal Property Taxes and Tax Liens

Real estate and personal property taxes are levied and based on values assessed on January 1<sup>st</sup> of every year. Assessed values are established by the Board of Assessor's for 100% of the estimated fair market value. Real estate and personal property taxes are billed on a quarterly basis. The first two quarters (August 1<sup>st</sup> and November 1<sup>st</sup>) are preliminary tax bills based upon the previous year's total annual tax. The second two quarters (February 1<sup>st</sup> and May 1<sup>st</sup>) are actual tax, reflecting the current year assessment and the current tax rate. Taxes due and unpaid are subject to penalties and interest if they are not paid by the respective due date. The Town has an ultimate right to foreclose on property for which taxes have not been paid. Real estate and personal property taxes levied are recorded as receivables in the year of the levy and are recorded under the modified accrual basis of accounting.

Real estate tax liens are processed after the tax bills are sent and are recorded as receivables in the year they are processed.

Real estate receivables are secured via the tax lien process and are considered 100% collectible. Accordingly, an allowance for uncollectible accounts is not reported.

Personal property taxes cannot be secured through the lien process. The allowance of uncollectible accounts is estimated based on historical trends and specific account analysis.

#### Motor Vehicle and Other Excise Taxes

Motor vehicle excise taxes are assessed annually for each vehicle registered and are recorded as receivables in the year of the levy. The Commonwealth is responsible for reporting the number of vehicles registered and the fair values of those vehicles. The tax calculation is the fair value of the vehicle multiplied by \$25 per \$1,000 of value.

Boat excise taxes are assessed annually for each boat registered and are recorded as receivables in the year of the levy. The Commonwealth is responsible for reporting the number of boats registered and the fair value of those boats. The tax calculation is the fair value of the boat multiplied by \$10 per \$1,000 of value.

The allowance for uncollectible accounts is estimated based on historical trends and specific account analysis.

# **User Charges**

User fees are levied semi-annually based on individual meter readings and are subject to penalties and interest if they are not paid by the respective due date. Unbilled user fees are estimated at year-end and are recorded as revenue in the current period. Water, Sewer, and Solid Waste liens are processed in December of every year and included as a lien on the property owner's tax bill. Water, Sewer and Solid Waste charges and liens are recorded as receivables in the year of the levy.

Since the receivables are secured via the lien process, these accounts are considered 100% collectible and therefore do not report an allowance for uncollectible accounts.

# Departmental and Other

Departmental and other receivables consist primarily of ambulance charges and veterans benefits and are recorded as receivables in the year accrued. The allowance of uncollectible accounts is estimated based on historical trends and specific account analysis.

### Special Assessments

Special assessments consist of sewer construction and particular apportioned street and water line betterments. These receivables are considered to be 100% collectible and therefore do not report an allowance for uncollectible accounts.

#### Intergovernmental

Various federal and state grants for operating and capital purposes are applied for and received annually. For non-expenditure driven grants, receivables are recorded as soon as all eligibility requirements imposed by the provider have been met. For expenditure driven grants, receivables are recorded when the qualifying expenditures are incurred and all other grant requirements are met.

These receivables are considered 100% collectible and therefore do not report an allowance for uncollectible accounts.

#### G. Inventories

Government-Wide and Fund Financial Statements

Inventories are recorded as expenditures at the time of purchase. Such inventories are not material in total to the government-wide and fund financial statements, and therefore are not reported.

#### H. Capital Assets

#### Government-Wide and Proprietary Fund Financial Statements

Capital assets, which include land, land improvements, buildings, machinery and equipment, vehicles and infrastructure (e.g., roads, water mains, sewer mains, and similar items), are reported in the applicable governmental or business-type activity column of the government-wide financial statements, and the proprietary fund financial statements. Capital assets are recorded at historical cost, or at estimated historical cost, if actual historical cost is not available. Donated capital assets are recorded at the estimated fair market value at the date of donation. Except for the capital assets of the governmental activities column in the government-wide financial statements, construction period interest is capitalized on constructed capital assets.

All purchases and construction costs in excess of \$25,000 are capitalized at the date of acquisition or construction, respectively, with expected useful lives of greater than one year.

Capital assets (excluding land and construction-in-progress) are depreciated on a straight-line basis over the estimated useful life of the assets. The estimated useful lives of capital assets are as follows:

	Estimated
	Useful
	Life
Capital Asset Type	(in years)
Buildings and improvements	20-40
Improvements other than buildings	20-30
Machinery and equipment	3-20
Vehicles	5
Books, software and other	5
Infrastructure	20-50

The cost of normal maintenance and repairs that do not add to the value of the assets or materially extend asset lives are not capitalized and are treated as expenses when incurred. Improvements are capitalized.

#### Governmental Fund Financial Statements

Capital asset costs are recorded as expenditures in the acquiring fund in the year of the purchase.

# I. Interfund Receivables and Payables

During the course of its operations, transactions occur between and within individual funds that may result in amounts owed between funds.

#### Government-Wide Financial Statements

Transactions of a buyer/seller nature between and within governmental funds are eliminated from the governmental activities in the statement of net position. Any residual balances outstanding between the governmental activities and business-type activities are reported in the statement of net position as "internal balances".

#### Fund Financial Statements

Transactions of a buyer/seller nature between and within funds are *not* eliminated from the individual fund statements. Receivables and payables resulting from these transactions are classified as "Due from other funds" or "Due to other funds" on the balance sheet.

# J. Deferred Outflows/Inflows of Resources

Government-Wide Financial Statements (Net Position)

In addition to assets, the statement of net position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then. The Town has reported deferred outflows of resources related to pensions in this category.

In addition to liabilities, the statement of net position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time. The Town has reported deferred inflows of resources related to pensions in this category.

#### Fund Financial Statements

In addition to liabilities, the governmental funds balance sheet will sometimes report a separate section for deferred inflows of resources. This financial statement element, deferred inflows of resources, represents assets that have been recorded in the governmental fund financial statements but the revenue is not available and so will not be recognized as an inflow of resources (revenue) until it becomes available. The Town has recorded unavailable revenue as deferred inflows of resources in the governmental funds balance sheet.

#### K. Interfund Transfers

During the course of its operations, resources are permanently reallocated between and within funds. These transactions are reported as transfers in and transfers out.

#### Government-Wide Financial Statements

Transfers between and within governmental funds and internal service funds are eliminated from the governmental activities in the statement of net position. Any residual balances outstanding between the governmental activities and business-type activities are reported in the statement of activities as "Transfers, net".

#### Fund Financial Statements

Transfers between and within funds are *not* eliminated from the individual fund statements and are reported as transfers in and transfers out.

#### L. Unavailable Revenue

Unavailable revenue at the governmental fund financial statement level represent billed receivables that do not meet the available criterion in accordance with the current financial resources measurement focus and the modified accrual basis of accounting, i.e. receivables that are not considered to be available to liquidate liabilities of the current period. Unavailable revenue is recognized as revenue in the conversion to government-wide (full accrual) financial statements.

#### M. Net Position and Fund Equity

Government-Wide Financial Statements (Net Position)

Net position reported as "net investment in capital assets" includes capital assets, net of accumulated depreciation, less the principal balance of outstanding debt used to acquire capital assets. Unspent proceeds of capital related debt are not considered to be capital assets. Outstanding debt related to future reimbursements from the state's school building program is not considered to be capital related debt.

Net position is reported as restricted when amounts that are not available for appropriation or are legally restricted by outside parties for a specific future use.

Net position has been "restricted for" the following:

"Permanent funds – expendable" represents the amount of realized and unrealized investment earnings of donor restricted trusts. The restrictions and trustee policies only allows the trustees to approve spending of the realized investment earnings.

"Permanent funds – nonexpendable" represent the endowment portion of donor restricted trusts.

"Gifts and Grants" represents restrictions placed on assets from outside parties.

"Community preservation" represents amounts held for uses restricted by law for community preservation purposes.

Sometimes the Town will fund outlays for a particular purpose from both restricted (e.g., restricted bond or grant proceeds) and unrestricted resources. In order to calculate the amounts to report as restricted net position and unrestricted net position in the government-wide and proprietary fund financial statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is the Town's policy to consider restricted net position to have been depleted before unrestricted net position is applied.

Fund Financial Statements (Fund Balances)

Governmental fund balances are classified as nonspendable, restricted, committed, assigned, or unassigned based on the extent to which the government is bound to honor constraints on the specific purposes for which amounts in those funds can be spent.

The governmental fund balance classifications are as follows:

"Nonspendable" fund balance includes amounts that cannot be spent because they are either not in spendable form or they are legally or contractually required to be maintained intact.

"Restricted" fund balance includes amounts subject to constraints placed on the use of resources that are either externally imposed by creditors, grantors, contributors, or laws or regulations of other governments; or that are imposed by law through constitutional provisions or enabling legislation.

"Committed "fund balance includes amounts that can only be used for specific purposes pursuant to constraints imposed by formal action of the government's highest level of decision-making authority. Town Meeting is the highest level of decision making authority that can, by adoption of Town Meeting warrant article, commit funds for a specific purpose. Once voted, the limitation imposed by the vote remains in place until the funds are used for their intended purpose or a vote is taken to rescind the commitment.

"Assigned" fund balance includes amounts that are constrained by the Town's intent to be used for specific purposes, but are neither restricted nor committed. The Town's by-laws authorize the Town Accountant to assign fund balance. Assignments generally only exist temporarily. Additional action does not have to be taken for the removal of an assignment.

"Unassigned" fund balance includes the residual classification for the general fund. This classification represents fund balance that has not been assigned to other funds and that has not been restricted, committed, or assigned to specific purposes within the general fund.

The Town's spending policy is to spend restricted fund balance first, followed by committed, assigned and unassigned fund balance. Most governmental funds are designated for one purpose at the time of their creation. Therefore, any expenditure from the fund will be allocated to the applicable fund balance classifications in the order of the aforementioned spending policy. The general fund and certain other funds may have more than one purpose.

#### N. Pensions

For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Plymouth County Contributory Retirement System and the Massachusetts Teachers Retirement System and additions to/deductions from the Systems fiduciary net position have been determined on the same basis as they are reported by the Systems. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

# O. Long-term Debt

Government-Wide and Proprietary Fund Financial Statements

Long-term debt is reported as liabilities in the government-wide and proprietary fund statement of net position. Material bond premiums and discounts are deferred and amortized over the life of the bonds using the effective interest method. Bonds payable are reported net of the applicable bond premium or discount.

#### Governmental Fund Financial Statements

The face amount of governmental funds long-term debt is reported as other financing sources. Bond premiums and discounts, as well as issuance costs, are recognized in the current period. Bond premiums are reported as other financing sources and bond discounts are reported as other financing uses. Issuance costs, whether or not withheld from the actual bond proceeds received, are reported as general government expenditures.

#### P. Investment Income

Excluding the permanent funds, investment income derived from major and nonmajor governmental funds is legally assigned to the general fund unless otherwise directed by Massachusetts General Law (MGL).

Investment income from Enterprise Funds is retained in their respective funds.

#### Q. Compensated Absences

Employees are granted vacation and sick leave in varying amounts based on collective bargaining agreements, state laws and executive policies.

#### Government-Wide and Proprietary Fund Financial Statements

Vested or accumulated vacation and sick leave are reported as liabilities and expensed as incurred.

#### Fund Financial Statements

Vested or accumulated vacation and sick leave, which will be liquidated with expendable available financial resources, are reported as expenditures and fund liabilities upon maturity of the liability, i.e. unused reimbursable leave still outstanding following an employee's resignation or retirement.

#### R. Use of Estimates

#### Government-Wide and Fund Financial Statements

The preparation of basic financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure for contingent assets and liabilities at the date of the basic financial statements and the reported amounts of the revenues and expenditures/expenses during the year. Actual results could vary from estimates that were used.

#### S. Total Column

#### Government-Wide Financial Statements

The total column presented on the government-wide financial statements represents consolidated financial information.

#### Fund Financial Statements

The total column on the fund financial statements is presented only to facilitate financial analysis. Data in this column is not the equivalent of consolidated financial information.

#### T. Individual Fund Deficits

Fund deficits exist at June 30, 2016 in the Airport and Town Capital Project nonmajor funds. These deficits will be funded with bond proceeds and other available funds in future years.

#### **NOTE 2 – CASH AND INVESTMENTS**

A cash and investment pool is maintained that is available for use by all funds. Each fund type's portion of this pool is displayed on the balance sheet as "Cash and Cash Equivalents". The deposits and investments of the trust funds are held separately from those of other funds.

Statutes authorize the investment in obligations of the U.S. Treasury, agencies, and instrumentalities, certificates of deposit, repurchase agreements, money market accounts, bank deposits and the State Treasurer's Investment Pool (the Pool). The Treasurer may also invest trust funds in securities, other than mortgages or collateral loans, which are legal for the investment of funds of savings banks under the laws of the Commonwealth.

The Pool meets the criteria of an external investment pool. The Pool is administered by the Massachusetts Municipal Depository Trust (MMDT), which was established by the Treasurer of the Commonwealth who serves as Trustee. The fair value of the position in the Pool is the same as the value of the Pool shares.

#### Custodial Credit Risk - Deposits

In the case of deposits, this is the risk that in the event of a bank failure, the Town of Marshfield's deposits may not be returned to it. The Town's policy limits its exposure to custodial credit risk through diversification and prudent selection of investment instruments, choice of depository, and collateralization of balances where practical.

At year-end, the carrying amount of deposits totaled \$22,758,673 and the bank balance totaled \$24,833,983. Of the bank balance, \$2,495,238 was covered by Federal Depository Insurance, \$366,952 was covered by Share Insurance Fund (SIF), \$584,787 was covered by Deposit Insurance Fund (DIF), \$12,243,891 was collateralized and \$9,143,115 was exposed to custodial credit risk because it was uninsured and uncollateralized.

#### **Investments**

As of June 30, 2016, the Town had the following investments and maturities:

Investment Type	Maturity						
_	Fair Value	Under 1 Year	Rating				
Debt Securities							
Repurchase Agreement\$	7,700,000	\$ 7,700,000	AA+				
Other Investments							
Domestic Equity Securities	277,923						
Money Market Mutual Funds	819,881						
MMDT	1,978,805						
Total Investments\$	10,776,609						

MMDT maintains a cash portfolio and a short-term bond fund with combined average maturities of approximately 2 months. The Town's investment in MMDT is unrated. All of the investments, except for the equity securities, are considered cash and cash equivalents.

#### <u>Custodial Credit Risk – Investments</u>

For an investment, this is the risk that, in the event of a failure by the counterparty, the Town will not be able to recover the value of its investments or collateral security that are in the possession of an outside party. The Town has custodial credit risk exposure equal to \$7,700,000 in debt securities and \$277,923 in equity securities because the related securities are uninsured, unregistered and held by the counterparty.

The Town does not have an investment policy for custodial credit risk.

# Interest Rate Risk

Interest rate risk exists when there is a possibility that changes in interest rates could adversely affect the fair value of the Town's investments. The Town does not have a formal investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates.

#### Credit Risk

The Town restricts investments to only the following: obligations of the U.S. Government and foreign governments and their agencies or instrumentalities, banks (including certificates of deposit, time deposits, and bankers'

acceptances located in the U.S.), short-term debt obligations, and overnight and term repurchase agreements and reverse purchase agreements secured by any of the obligations previously listed. The Treasurer may invest in MMDT.

#### Concentration of Credit Risk

The Town restricts holdings to no more than 10% of the net investment in securities of any one issuer, except investments in securities of the U.S. Government, its agencies or instrumentalities, or in repurchase agreements collateralized fully by such obligations. No more than 25% may be invested in any one industry except there is no limitation on the percentage that may be invested in the financial services industry. With the exception of U.S. Treasury obligations or investments fully collateralized by U.S. Treasuries or agencies, and MMDT, no more than 10% of the Town's investments shall be invested in a single financial institution.

#### Fair Market Value of Investments

The Town holds investments that are measured at fair value on a recurring basis. Because investing is not a core part of the Town's mission, the Town determines that the disclosures related to these investments only need to be disaggregated by major type. The Town chooses a tabular format for disclosing the levels within the fair value hierarchy.

The Town categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair values of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs.

The Town has the following recurring fair value measurements as of June 30, 2016:

Investment Type	June 30, 2016	_	Quoted Prices in Active Markets for Identical Assets (Level 1)		Significant Other Observable Inputs (Level 2)	· -	Significant Unobservable Inputs (Level 3)
Investments measured at fair value:							
Debt Securities Repurchase Agreement\$	7,700,000	\$ <u>_</u>	7,700,000	\$		\$_	
Other Investments Domestic Equity Securities Money Market Mutual Funds	277,923 819,881	. <u>-</u>	277,923 819,881	<u> </u>	- -	. <u>-</u>	- -
Total Other Investments	1,097,804	_	1,097,804		-	_	
Total investments measured at fair value	8,797,804	\$	8,797,804	\$	-	\$	
Investments measured at amortized cost:							
MMDT	1,978,805						
Total investments\$	10,776,609						

Repurchase agreements, domestic equity securities, and money market mutual funds classified in Level 1 of the fair value hierarchy are valued using prices quoted in active markets for those securities.

MMDT investments are valued at amortized cost. Under the amortized cost method, an investment is valued initially at its cost and adjusted for the amount of interest income accrued each day over the term of the investment to account for any difference between the initial cost and the amount payable at maturity. If amortized cost is determined not to approximate fair value, the value of the portfolio securities will be determined under procedures established by the Advisor.

#### **NOTE 3 - RECEIVABLES**

At June 30, 2016, receivables for the individual major and nonmajor governmental funds in the aggregate, including the applicable allowances for uncollectible accounts, are as follows:

	Gross Amount		Allowance for Uncollectibles		Net Amount
Receivables:		_			
Real estate, personal property and tax deferrals \$	4,043,702	\$	(24,524)	\$	4,019,178
Tax liens	666,046		-		666,046
Motor vehicle and other excise taxes	1,104,845		(182,024)		922,821
Departmental and other	1,249,989		(151,532)		1,098,457
Intergovernmental	8,791,035			_	8,791,035
				-	
Total\$	15,855,617	\$	(358,080)	\$	15,497,537

At June 30, 2016, receivables for the sewer, water, and solid waste enterprise funds consist of the following:

		Gross Amount	Allowance for Uncollectibles	Net Amount
Receivables:				
User charges	\$	5,303,795	\$ -	\$ 5,303,795
Special assessments		1,648,458	-	1,648,458
Intergovernmental		570,452	 	570,452
	_			
Total	\$_	7,522,705	\$ -	\$ 7,522,705

Governmental funds report unavailable revenue in connection with receivables for revenues that are not considered to be available to liquidate liabilities of the current period. At the end of the current year, the various components of unavailable revenue reported in the governmental funds were as follows:

		Community	Other	
	General	Preservation	Governmental	
	Fund	Fund	Funds	Total
Receivable and other asset type:				
Real estate and personal property taxes\$	3,594,169	\$ -	\$ - \$	3,594,169
Tax liens	666,046	-	-	666,046
Motor vehicle and other excise	922,821	-	-	922,821
Departmental and other	1,056,940	41,517	-	1,098,457
Intergovernmental	5,336,969	302,588	1,067,092	6,706,649
Tax foreclosures	576,793	 -	 <u> </u>	576,793
Total\$	12,153,738	\$ 344,105	\$ 1,067,092 \$	13,564,935

#### **NOTE 4 - CAPITAL ASSETS**

Capital asset activity for the year ended June 30, 2016, was as follows:

#### **Governmental Activities**

_	Beginning Balance	Increases	Decreases	Ending Balance
Capital assets not being depreciated:				
Land\$	27,778,749 \$	377,531	- \$	28,156,280
Construction in progress.	33,461,184	809,775	(33,002,137)	1,268,822
Total capital assets not being depreciated	61,239,933	1,187,306	(33,002,137)	29,425,102
Capital assets being depreciated:				
Improvements other than buildings	1,807,703	849,589	-	2,657,292
Buildings and improvements	154,622,659	33,184,706	-	187,807,365
Machinery and equipment	15,276,944	211,800	(157,000)	15,331,744
Vehicles	5,775,212	173,418	(27,142)	5,921,488
Books, software and other	5,405,053	184,351	-	5,589,404
Infrastructure	60,966,964	8,286,306		69,253,270
Total capital assets being depreciated	243,854,535	42,890,170	(184,142)	286,560,563
Less accumulated depreciation for:				
Improvements other than buildings	(359,512)	(10,989)	-	(370,501)
Buildings and improvements	(32,753,646)	(7,975,833)	-	(40,729,479)
Machinery and equipment	(13,235,586)	(441,475)	157,000	(13,520,061)
Vehicles	(4,032,280)	(422,679)	27,142	(4,427,817)
Books, software and other	(3,894,774)	(148,688)	-	(4,043,462)
Infrastructure	(25,910,271)	(1,911,514)		(27,821,785)
Total accumulated depreciation	(80,186,069)	(10,911,178)	184,142	(90,913,105)
Total capital assets being depreciated, net	163,668,466	31,978,992	<u> </u>	195,647,458
Total governmental activities capital assets, net\$	224,908,399 \$	33,166,298	\$ (33,002,137) \$	225,072,560

# **Business-Type Activities**

-	Beginning Balance	Increases	Decreases	Ending Balance
Capital assets not being depreciated:				
Land\$	7,452,270 \$	- \$	- \$	7,452,270
Construction in progress	629,606	<del>-</del>	(629,606)	-
Total capital assets not being depreciated	8,081,876	<u>-</u> .	(629,606)	7,452,270
Capital assets being depreciated:				
Buildings and improvements	15,989,754	153,472	-	16,143,226
Machinery and equipment	7,103,981	286,533	(433,314)	6,957,200
Vehicles	1,575,516	43,228	-	1,618,744
Infrastructure	87,284,319	3,281,596	<u> </u>	90,565,915
Total capital assets being depreciated	111,953,570	3,764,829	(433,314)	115,285,085
Less accumulated depreciation for:				
Buildings and improvements	(9,102,250)	(427,729)	-	(9,529,979)
Machinery and equipment	(5,646,259)	(275,055)	433,314	(5,488,000)
Vehicles	(1,138,949)	(164,878)	-	(1,303,827)
Infrastructure	(36,444,244)	(1,343,120)	<del>-</del> -	(37,787,364)
Total accumulated depreciation	(52,331,702)	(2,210,782)	433,314	(54,109,170)
Total capital assets being depreciated, net	59,621,868	1,554,047	<u> </u>	61,175,915
Total business-type activities capital assets, net\$	67,703,744 \$	1,554,047 \$	(629,606) \$	68,628,185

Depreciation expense was charged to functions/programs of the primary government as follows:

Governmental A	Activities:
----------------	-------------

General government	\$	250,373
Public safety		730,447
Education		7,144,205
Public works		2,488,981
Culture and recreation	_	297,172
Total depreciation expense - governmental activities	\$_	10,911,178
Business-Type Activities:		
Sewer	\$	1,248,374
Water		754,250
Solid waste		208,158
Total depreciation expense - business-type activities	\$_	2,210,782

#### NOTE 5 - INTERFUND RECEIVABLES, PAYABLES AND TRANSFERS

Interfund receivables and payables between funds at June 30, 2016, are summarized as follows:

Receivable Fund	Payable Fund	 Amount		
Town General Revolving Fund Town General Revolving Fund	Airport Fund Chapter 90 Fund	\$ 37,619 261,000	(1) (1)	
Total		\$ 298,619	=	

<sup>(1)</sup> Represents advances between funds to meet temporary cash flow needs.

Interfund transfers for the year ended June 30, 2016, are summarized as follows:

_					Trar	nsfers In:						
_		High School		Nonmajor						Solid		
	General	Capital		Governmental		Sewer		Water		Waste		
Transfers Out:	Fund	 Projects		Funds		Fund		Fund		Fund	-	Total
General Fund\$	-	\$ 1,693,736	\$	1,615,213	\$	_	\$	-	\$	-	\$	3,308,949 (1)
Nonmajor Governmental Funds	93,502	 -	-	3,480		698,685	_	812,129	-	174,832	_	1,782,628 (2)
Total\$_	93,502	\$ 1,693,736	\$	1,618,693	\$_	698,685	\$_	812,129	\$_	174,832	\$_	5,091,577

- (1) Represents budgeted transfers from the general fund to the High School capital project fund, the nonmajor Town capital projects fund, and to other nonmajor funds.
- (2) Represents budgeted transfers into the general fund from nonmajor governmental funds and from the expendable trust funds, as well as for transfers between various nonmajor funds. Also included are transfers from the nonmajor capital article fund to the sewer, water and solid waste enterprise funds.

#### **NOTE 6 - SHORT-TERM FINANCING**

Short-term debt may be authorized and issued to fund the following:

- Current operating costs prior to the collection of revenues through issuance of revenue or tax anticipation notes (RANS or TANS).
- Capital project costs and other approved expenditures incurred prior to obtaining permanent financing through issuance of bond anticipation notes (BANS) or grant anticipation notes (GANS).

Short-term loans are general obligations of the Town and carry maturity dates that are limited by statute. Interest expenditures for short-term borrowings are accounted for in the General Fund and the Enterprise funds, where applicable.

Details related to the Town's short-term debt activity for the year ended June 30, 2016, is as follows:

Туре	Purpose	Rate (%)	Due Date		Balance at June 30, 2015		June 30,		June 30,		Renewed/ Issued	 Retired/ Redeemed		Balance at June 30, 2016
Govern	mental funds													
BAN	Municipal Purpose	1.00%	7/29/2015	\$	7,629,000	\$	-	\$ 7,629,000	\$	-				
BAN	Municipal Purpose	2.00%	7/29/2016		-		7,254,000	2,254,000		5,000,000				
BAN	Municipal Purpose	0.50%	7/29/2015		700,000		-	700,000		-				
BAN	Municipal Purpose	2.00%	7/29/2016		-		770,000	770,000		-				
BAN	Municipal Purpose	0.50%	7/29/2015		1,400,000		-	1,400,000		-				
BAN	Municipal Purpose	2.00%	7/29/2016		-		1,400,000	900,000		500,000				
BAN	Municipal Purpose	0.50%	7/29/2015		50,000		-	50,000		-				
BAN	Municipal Purpose	2.00%	7/29/2016		-		50,000	50,000		-				
BAN	Municipal Purpose	0.50%	7/29/2015		500,000		-	500,000		-				
BAN	Municipal Purpose	2.00%	7/29/2016		-		500,000	500,000		-				
BAN	Municipal Purpose	0.50%	7/29/2015		25,000		-	25,000		-				
BAN	Municipal Purpose	2.00%	7/29/2016		-		25,000	25,000		-				
BAN	Municipal Purpose	1.00%	7/29/2015		1,459,000		-	1,459,000		-				
BAN	Municipal Purpose	2.00%	7/29/2016		-		1,429,000	1,380,400		48,600				
BAN	Municipal Purpose	0.90%	7/28/2017		-		893,000	 -		893,000				
	Total governmental funds				11,763,000		12,321,000	 17,642,400		6,441,600				
Busines	ss-type funds													
BAN	Water BAN	1.00%	7/29/2015		1,114,000		-	1,114,000		-				
BAN	Water BAN	2.00%	7/29/2016		-		1,419,000	1,380,600		38,400				
BAN	Solid Waste BAN	1.00%	7/29/2015		800,000		-	800,000		-				
BAN	Solid Waste BAN	0.50%	7/29/2015		750,000		-	750,000		-				
BAN	Solid Waste BAN	2.00%	7/29/2016		-		1,550,000	1,521,000		29,000				
BAN	Solid Waste BAN	0.90%	7/28/2017		-		50,000	 -		50,000				
	Total business-type funds				2,664,000		3,019,000	 5,565,600		117,400				
	Total Short-Term Debt			\$	14,427,000	\$	15,340,000	\$ 23,208,000	\$	6,559,000				

On the scheduled due date of July 29, 2016, \$8.8 million of BANS where converted to long-term debt and have been presented as such in these financial statements. Of the \$5.6 million of other BANS due on July 29, 2016, \$5.0 million was rolled into a new BAN with an interest rate of 1.5% due on July 28, 2017, and the remaining \$616,000 was paid down.

#### **NOTE 7 - LONG-TERM DEBT**

Under the provisions of Chapter 44, Section 10, Municipal Law authorizes indebtedness up to a limit of 5% of the equalized valuation. Debt issued in accordance with this section of the law is designated as being "inside the debt limit". In addition, however, debt may be authorized in excess of that limit for specific purposes. Such debt, when issued, is designated as being "outside the debt limit".

The Town's bylaws currently provide for a split between the general fund and the sewer fund for the debt service requirements of certain (issuances prior to FY06) sewer long-term debt. The general fund and the sewer fund are each responsible for their 40% and 60% share of the debt service, respectively.

Details related to the Town's outstanding general obligation indebtedness at June 30, 2016, and the debt service requirements follow.

# **Bonds Payable Schedule – Governmental Funds**

Project	Maturity Through	Original Loan Amount	Interest Rate (%)	Outstanding at June 30, 2015	Issued	Redeemed	Outstanding at June 30, 2016
MCWT Sewer Bonds 2005	2023 \$	3,380,916	0.00 \$	1,645,470 \$	- \$	201,096 \$	1,444,374
Municipal Purpose Bonds 2007	2017	1,494,000	3.70	160,000	-	105,000	55,000
Municipal Purpose Bonds 2009	2019	4,196,000	2.00 - 3.00	975,000	-	330,000	645,000
Municipal Purpose Refunding Bonds 2010	2021	12,351,400	2.50	7,051,300	-	1,207,730	5,843,570
Municipal Purpose Refunding Sewer Bonds 2010	2021	943,600	2.50	215,480	-	36,908	178,572
Municipal Purpose Bonds 2011	2021	5,353,000	2.00 - 5.00	2,555,555	-	643,889	1,911,666
Municipal Purpose Bonds 2012	2019	709,000	2.00-3.03	309,445	-	111,111	198,334
Municipal Purpose Bonds 2012	2032	3,892,000	2.43	3,312,271	-	284,067	3,028,204
Qualified Energy Conservation Bonds 2013	2023	5,000,000	3.03	4,000,000	-	500,000	3,500,000
Municipal Purpose Bonds 2013	2033	28,790,000	2.43	25,637,729	-	1,555,933	24,081,796
MCWT Bonds 2013	2018	200,000	0.00	160,000	-	40,000	120,000
Municipal Purpose Bonds 2014	2035	27,106,000	3.00 - 5.00	27,380,000	-	1,885,000	25,495,000
Municipal Purpose Bonds 2016	2037	5,879,400	2.00 - 5.00	-	5,879,400	-	5,879,400
Municipal Purpose Bonds 2016	2036	1,973,100	2.00	<u> </u>	1,973,100	<u> </u>	1,973,100
Total				73,402,250	7,852,500	6,900,734	74,354,016
Unamortized bond premium				5,266,320	236,747	849,424	4,653,643
Total Long-Term Debt			\$	78,668,570 \$	8,089,247 \$	7,750,158 \$	79,007,659

Debt service requirements for principal and interest, not including the subsequent issuances, for Governmental bonds payable in future years are as follows:

Year	Principal		Interest		Total
					_
2017\$	6,635,633	\$	2,014,880	\$	8,650,513
2018	6,732,884		2,039,844		8,772,728
2019	6,406,073		1,733,546		8,139,619
2020	5,750,686		1,516,321		7,267,007
2021	5,531,065		1,310,399		6,841,464
2022 - 2026	17,918,282		4,307,187		22,225,469
2027 - 2031	16,150,246		1,850,739		18,000,985
2032 - 2036	9,104,147		316,855		9,421,002
2037	125,000		-		125,000
_					
Total\$	74,354,016	\$	15,089,771	\$	89,443,787
Total\$ _	74,354,016	\$	15,089,771	\$	89,443,787

The Town is scheduled to be subsidized by the Massachusetts Clean Water Trust (MCWT) on a periodic basis for principal in the amount of \$380,301 and interest costs for \$150,708. Thus, net MCWT loan repayments, including interest, are scheduled to be \$1,302,482. The principal subsidies are guaranteed and therefore a \$380,301 intergovernmental receivable and corresponding revenue have been reported in the General Fund. Since the Town is legally obligated for the total amount of the debt, such amounts have been reported in the accompanying basic financial statements. Principal and interest subsidies totaled \$52,060 and \$45,279, respectively in 2016.

The Town has been approved to receive school construction assistance through the Massachusetts School Building Authority (MSBA). The MSBA provides resources for eligible construction costs and debt interest and borrowing costs. Reimbursement commenced in 2002 and will be made over 20 years at approximately 67% of eligible costs of the Martinson Elementary School and Furnace Brook Middle School projects. During 2016, approximately \$1,113,000 of such assistance was received. Approximately \$5,564,000 will be received in future years. Of this amount, approximately \$608,000 represents reimbursement of long-term interest costs, and approximately \$4,957,000 represents reimbursement of approved construction costs. Accordingly, \$4,957,000

intergovernmental receivable and corresponding unavailable revenue has been recorded in the fund based financial statements and the change in the receivable has been recognized as revenue in the conversion to the government-wide financial statements.

The Commonwealth has modified the method for funding new projects in the school building assistance program. Under the new program, the assistance is paid to support the State's share of construction costs as they are incurred, therefore eliminating the need for the Town to fund the State's share through long-term debt. The Marshfield High School project is being partially funded by this program at an eligible cost rate of 55.6%. The Town received \$480,883 of reimbursements in 2016 and submitted an additional request of \$1,136,456 for reimbursement of construction costs incurred through June 30, 2016. Accordingly, the Town has recorded an intergovernmental receivable totaling \$1,136,456 as of June 30, 2016.

# Bonds Payable Schedule – Sewer Enterprise Fund

Project	Maturity Through	Original Loan Amount	Interest Rate (%)	Outstanding at June 30, 2015	Issued	Redeemed	Outstanding at June 30, 2016
Municipal Purpose Bonds 2005	2015 \$	420,000	3.32 \$	323,220 \$	- \$	55,362 \$	267,858
MCWT Bonds 2005	2023	5,071,373	2.00	2,468,207	-	301,644	2,166,563
Municipal Purpose Bonds 2011	2021	451,000	2.00 - 5.00	205,000	-	60,000	145,000
Municipal Purpose Bonds 2012	2017	58,000	2.00	20,000	-	10,000	10,000
MCWT Bonds 2013	2033	5,450,000	2.00	5,004,293		230,145	4,774,148
Total Long-Term Debt			\$	8,020,720 \$	<u>-</u> \$	657,151 \$	7,363,569

Debt service requirements for principal and interest for Sewer Enterprise Fund bonds payable in future years are as follows:

<u>Year</u>	Principal		Interest		Total	
2017\$	647,642	\$	192,622	\$	840,264	
2018	651,036		173,374		824,410	
2019	654,592		157,381		811,973	
2020	671,274		125,536		796,810	
2021	612,583		106,375		718,958	
2022 - 2026	1,947,586		328,910		2,276,496	
2027 - 2031	1,522,517		158,294		1,680,811	
2032 - 2033	656,339		19,761		676,100	
•						
Total\$	7,363,569	\$	1,262,253	\$	8,625,822	

The Town is scheduled to be subsidized by the Massachusetts Clean Water Trust (MCWT) on a periodic basis for principal in the amount of \$570,452 and interest costs for \$226,064. Thus, net MCWT loan repayments, including interest, are scheduled to be \$1,773,723. The principal subsidies are guaranteed and therefore a \$570,452 intergovernmental receivable and corresponding revenue have been reported in Sewer Enterprise Fund. Since the Town is legally obligated for the total amount of the debt, such amounts have been reported in the accompanying basic financial statements. Principal and interest subsidies totaled \$78,091 and \$67,918, respectively in 2016.

# **Bonds Payable Schedule – Water Enterprise Fund**

Project	Maturity Through	Original Loan Amount	Interest Rate (%)		Outstanding at June 30, 2015	Issued	Redeemed	Outstanding at June 30, 2016
Municipal Purpose Bonds 2007	2017	\$ 2,131,000	3.70	\$	420,000 \$	- \$	210,000 \$	210,000
MCWT Bonds 2009 Municipal Purpose Bonds 2011	2024 2026	2,500,000 3,492,000	2.00 2.00 - 5.00		1,583,437 2,315,000	-	162,194 305,000	1,421,243 2,010,000
Municipal Purpose Bonds 2012	2033 2033	1,685,000 1,280,000	2.43 2.43		1,516,500 1,083,500	-	84,250 95,750	1,432,250 987,750
Municipal Purpose Bonds 2014	2038 2037	616,000 1.380.600	3.00 - 5.00 2.00 - 5.00		616,000	- 1,380,600	46,000	570,000 1,380,600
·	200.	1,000,000	2.00 0.00	-	7.504.407		000.404	
Total water bonds payable				-	7,534,437	1,380,600	903,194	8,011,843
Unamortized bond premium				-	240,550	<del>-</del>	30,740	209,810
Total Long-Term Debt				\$_	7,774,987 \$	1,380,600 \$	933,934 \$	8,221,653

Debt service requirements for principal and interest for Water Enterprise Fund bonds payable in future years are as follows:

Year	Principal		Interest		Total
				-	_
2017\$	875,471	\$	216,764	\$	1,092,235
2018	764,413		236,699		1,001,112
2019	742,224		190,129		932,353
2020	675,703		166,425		842,128
2021	669,253		142,058		811,311
2022 - 2026	2,544,779		419,112		2,963,891
2027 - 2031	1,050,000		131,690		1,181,690
2032 - 2036	630,000		24,951		654,951
2037	60,000		751		60,751
_					
Total \$	8,011,843	\$	1,528,579	\$	9,540,422

# Bonds Payable Schedule - Solid Waste Enterprise Fund

Project	Maturity Through	Original Loan Amount	Interest Rate (%)	Outstanding at June 30, 2015	Issued	Redeemed	Outstanding at June 30, 2016
Municipal Purpose Bonds 2014 Municipal Purpose Bonds 2016	2019 \$ 2037	175,000 1,521,000	3.00 - 5.00 \$ 2.00 - 5.00	175,000 \$	- \$ 1,521,000	45,000 \$	130,000 1,521,000
Total Long-Term Debt			\$	175,000 \$	1,521,000 \$	45,000 \$	1,651,000

Debt service requirements for principal and interest for Solid Waste Enterprise Fund bonds payable in future years are as follows:

Year	Principal		Interest		Total
2017\$	45,000	\$	3,356	\$	48,356
2018	126,000		56,241		182,241
2019	120,000		28,337		148,337
2020	80,000		25,687		105,687
2021	80,000		23,687		103,687
2022 - 2026	400,000		88,435		488,435
2027 - 2031	380,000		42,560		422,560
2032 - 2036	350,000		16,624		366,624
2037	70,000		876		70,876
-				•	
Total\$	1,651,000	\$	285,803	\$	1,936,803

The Town is subject to various debt limits by statute and may issue additional general obligation debt under the normal debt limit. At June 30, 2016, the Town had the following authorized and unissued debt:

Purpose	Amount	-
Highland Street Water Main Replacement\$	15,000	
Pine Street Water Main Replacement	520,000	
High School Feasibility Study	1,402,000	
Pudding Hill Tank Construction	475,000	
New High School	47,438,839	(1)
Replace DPW Pickup Trucks #31 & #68	10,000	
Seawalls & Riprap	70,000	
Emergency Repairs - Nemo	784,764	
Fairgrounds Pump Station & Water Main	345,000	
Replace Car C-3	170	
Mechanical Refurbish	800	
Laptops/WK Stations (Police)	500	
AED's	200	
Liberty Plaza Renovation	2,250,000	
Land Acquisition	50,000	
Foster Ave Seawalls	100,000	
Replace Ambulance	255,000	
Building Security	350,000	
Replace Truck #152	76,500	
South River Street Water Main	175,000	
Deck Mower	95,000	
WW Outfall Inspect/Repairs	600,000	
Design Construction of UV Disinfect	2,000,000	
Water Meter Replacement	100,000	
Water Main Upgrades	120,000	_
Total\$	57,233,773	=

<sup>(1)</sup> The MSBA is providing funding for this portion of the new high school construction project. This remaining balance will be rescinded once the project is complete.

#### Changes in Long-term Liabilities

During the year ended June 30, 2016, the following changes occurred in long-term liabilities:

_	Balance June 30, 2015	Bonds Issued	Bonds Redeemed	Other Increases	Other Decreases	Balance June 30, 2016	Due Within One Year
Governmental Activities:							
Long-Term Bonds\$	73,402,250 \$	7,852,500 \$	(6,900,734) \$	- \$	- \$	74,354,016 \$	6,635,633
Unamortized Bond Premium	5,266,320	236,747	(849,424)	-	-	4,653,643	574,860
Other Postemployment Benefits	29,608,414	-	-	4,475,445	(1,391,237)	32,692,622	-
Compensated Absences	4,349,000	-	-	1,694,000	(1,589,000)	4,454,000	1,635,000
Net Pension Liability	38,659,979		<u> </u>	7,709,923	(4,306,363)	42,063,539	
_							
Total Governmental Activities	151,285,963	8,089,247	(7,750,158)	13,879,368	(7,286,600)	158,217,820	8,845,493
Business-Type Activities:							
Long-Term Bonds	15,730,157	2,901,600	(1,605,345)	-	-	17,026,412	1,568,113
Unamortized Bond Premium	240,550	-	(30,740)	-	-	209,810	28,732
Other Postemployment Benefits	1,527,867	-	-	191,441	(32,753)	1,686,555	-
Compensated Absences	174,000	-	-	110,000	(152,000)	132,000	132,000
Landfill Closure	413,250	-	-	-	(28,500)	384,750	28,500
Net Pension Liability	7,440,505	<u> </u>	<u> </u>	1,482,856	(827,808)	8,095,553	
Total Business-Type Activities	25,526,329	2,901,600	(1,636,085)	1,784,297	(1,041,061)	27,535,080	1,757,345
Total\$	176,812,292 \$	10,990,847 \$	(9,386,243) \$	15,663,665 \$	(8,327,661) \$	185,752,900 \$	10,602,838

Compensated absence and other postemployment liabilities related to both governmental and business-type activities are normally paid from the funds reporting payroll and related expenditures, which consist of the general fund and the sewer, water, and solid waste enterprise funds, respectively.

#### **NOTE 8 – GOVERNMENTAL FUND BALANCE CLASSIFICATIONS**

The Town adopted GASB Statement No. 54, Fund Balance Reporting and Governmental Fund Type Definitions, as part of its year 2011 reporting. The intention of the GASB is to provide a more structured classification of fund balance and to improve the usefulness of fund balance reporting to the users of the Town's financial statements. The reporting standard establishes a hierarchy for fund balance classifications and the constraints imposed on the uses of those resources.

Massachusetts General Law Ch. 40 §5B allows for the establishment of Stabilization funds for one or more different purposes. The creation of a fund requires a two-thirds vote of the legislative body and must clearly define the purpose of the fund. Any change to the purpose of the fund along with any additions to or appropriation from the fund requires a two-thirds vote of the legislative body.

At year end the balance of the General Stabilization Fund is \$2,286,624 and is reported as unassigned fund balance within the General Fund.

GASB 54 provides for two major types of fund balances, which are nonspendable and spendable. Nonspendable fund balances are balances that cannot be spent because they are not expected to be converted to cash or they are legally or contractually required to remain intact. Examples of this classification are prepaid items, inventories, and principal (corpus) of an endowment fund. The Town has reported principal portions of endowment funds as nonspendable.

In addition to the nonspendable fund balance, GASB 54 has provided a hierarchy of spendable fund balances, based on a hierarchy of spending constraints.

- Restricted: fund balances that are constrained by external parties, constitutional provisions, or enabling legislation.
- <u>Committed</u>: fund balances that contain self-imposed constraints of the government for its highest level of decision making authority.
- <u>Assigned</u>: fund balances that contain self-imposed constraints of the government to be used for a particular purpose.
- <u>Unassigned</u>: fund balance of the general fund that is not constrained for any particular purpose.

As of June 30, 2016, the governmental fund balances consisted of the following:

<u>-</u>	Governmental Funds								
<u>-</u>	General	Community Preservation Fund	High School Capital Projects	Nonmajor Governmental Funds	Total Governmental Funds				
Fund Balances									
Nonspendable:									
Permanent fund principal\$	- \$	- \$	- \$	1,258,385 \$	1,258,385				
Restricted for:									
Community preservation fund	-	3,280,990	-	-	3,280,990				
School state and federal grants	_	-	-	327,681	327,681				
Town state and federal grants	_	-	-	1,322,997	1,322,997				
Town general revolving	-	-	-	1,179,544	1,179,544				
School general revolving	_	-	-	590,185	590,185				
Other	_	-	-	984,513	984,513				
Permanent funds	_	-	-	1,379,889	1,379,889				
Debt exclusion	1,972,217	-	-	· · · · -	1,972,217				
Committed to:									
Postemployment benefits	_	-	-	180,177	180,177				
Assigned for carryover encumbrances:									
General government	25,166	-	-	-	25,166				
Public safety	821	-	-	-	821				
Education	23,779	-	-	-	23,779				
Public works	2,804	-	-	-	2,804				
Human services	5,000	-	-	-	5,000				
Utilities	13,757	-	-	-	13,757				
Unassigned	4,407,290		(1,724,185)	(651,016)	2,032,089				
Total Fund Balances\$	6,450,834 \$	3,280,990 \$	(1,724,185) \$	6,572,355 \$	14,579,994				

#### **NOTE 9 - RISK FINANCING**

The Town is exposed to various risks of loss related to torts; theft of, damage to and destruction of assets; errors and omissions; and natural disasters for which the Town carries commercial insurance. The amount of claim settlements has not exceeded insurance coverage in any of the previous three years.

The Town joined the Plymouth County Health Plan effective July 1, 1998. This health plan subsequently changed from a county administered plan to a joint purchase agreement (the "JPA") and became known as the Mayflower Municipal Health Group. The purpose of the JPA is for the joint negotiation and purchase of health coverage with insurance carriers. Under these agreements, the insurance claims of the covered employees are paid for by the

insurance carrier and are subsequently reimbursed by the JPA. The JPA charges monthly premiums to each governmental unit based upon requirements established through underwriting and actuarial estimates. In addition, the JPA provides full reinsurance coverage for all claim costs in excess of \$250,000 per covered employee.

In the event of the dissolution of the JPA or if the assets of the JPA are insufficient to pay claims which occur, the Town remains liable for its proportionate share. At June 30, 2016 (based on the most recent audited information available), the Mayflower Municipal Health Group had an IBNR accrual of \$8.3 million and an ending net position of approximately \$13.5 million which appears sufficient to support its ongoing claim liabilities.

#### **NOTE 10 - PENSION PLAN**

#### Plan Descriptions

The Town is a member of the Plymouth County Contributory Retirement System (PCCRS), a cost-sharing multiple-employer defined benefit pension plan covering eligible employees of the 59 member units. The PCCRS is administered by five board members (Board) on behalf of all current employees and retirees except for current teachers and retired teachers. Chapter 32 of the MGL assigns authority to establish and amend benefit provisions of the plan. The audited financial report may be obtained by visiting http://www.pcr-ma.org.

The Town is a member of the Massachusetts Teachers' Retirement System (MTRS), a cost-sharing multiemployer defined benefit plan. MTRS is managed by the Commonwealth of Massachusetts (Commonwealth) on behalf of municipal teachers and municipal teacher retirees. The Commonwealth is a nonemployer contributor and is responsible for 100% of the contributions and future benefit requirements of the MTRS. The MTRS covers certified teachers in cities (except Boston), towns, regional school districts, charter schools, educational collaboratives and Quincy College. The MTRS is part of the Commonwealth's reporting entity and the audited financial report may be obtained by visiting http://www.mass.gov/osc/publications-and-reports/financial-reports/.

# Special Funding Situation

The Commonwealth is a nonemployer contributor and is required by statute to make 100% of all actuarially determined employer contributions on behalf of the Town to the MTRS. Therefore, the Town is considered to be in a special funding situation as defined by GASB Statement No. 68, *Accounting and Financial Reporting for Pensions* and the Commonwealth is a nonemployer contributor in MTRS. Since the Town does not contribute directly to MTRS, there is no net pension liability to recognize. The total of the Commonwealth provided contributions have been allocated based on each employer's covered payroll to the total covered payroll of employers in MTRS as of the measurement date of June 30, 2015. The Town's portion of the collective pension expense, contributed by the Commonwealth, of \$7,825,532 is reported in the general fund as intergovernmental revenue and pension expense in the current year. The portion of the Commonwealth's collective net pension liability associated with the Town is \$96,481,795 as of the measurement date.

#### Benefits Provided

Both Systems provide retirement, disability, survivor and death benefits to plan members and beneficiaries. Massachusetts Contributory Retirement System benefits are, with certain minor exceptions, uniform from system to system. The System provides for retirement allowance benefits up to a maximum of 80% of a member's highest three-year average annual rate of regular compensation. For persons who became members on or after April 2, 2012, average salary is the average annual rate of regular compensation received during the five consecutive years that produce the highest average, or, if greater, during the last five years (whether or not consecutive) preceding retirement. Benefit payments are based upon a member's age, length of creditable

service, level of compensation, and group classification. Members become vested after ten years of creditable service.

Employees who resign from service and who are not eligible to receive a retirement allowance or are under the age of 55 are entitled to request a refund of their accumulated total deductions. Survivor benefits are extended to eligible beneficiaries of members whose death occurs prior to or following retirement.

Cost-of-living adjustments granted between 1981 and 1997 and any increase in other benefits imposed by the Commonwealth's state law during those years are borne by the Commonwealth and are deposited into the pension fund. Cost-of-living adjustments granted after 1997 must be approved by the Board and are borne by the System.

#### Contributions

Chapter 32 of the MGL governs the contributions of plan members and member units. Active plan members are required to contribute to the System at rates ranging from 5% to 9% of gross regular compensation with an additional 2% contribution required for compensation exceeding \$30,000. The percentage rate is keyed to the date upon which an employee's membership commences. The member units are required to pay into the PCCRS a legislatively mandated actuarial determined contribution that is apportioned among the employers based on active current payroll. The Town's proportionate share of the required contribution equaled its actual contribution for the year ended December 31, 2015 and totaled \$5,134,471, 23.74% of covered payroll, actuarially determined as an amount that, when combined with plan member contributions, is expected to finance the costs of benefits earned by plan members during the year, with an additional amount to finance any unfunded accrued liability.

#### Pension Liabilities

At June 30, 2016, the Town reported a liability of \$50,159,092 for its proportionate share of the net pension liability. The net pension liability was measured as of December 31, 2015, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of January 1, 2015. The Town's proportion of the net pension liability was based on a projection of the Town's long-term share of contributions to the pension plan relative to the projected contributions of all participating members, actuarially determined. At December 31, 2015, the Town's proportion was 7.909%, which did not change from its proportion measured at December 31, 2014.

#### Pension Expense

For the year ended June 30, 2016, the Town recognized pension expense of \$5,559,956. At June 30, 2016, the Town reported deferred outflows of resources related to pensions of \$5,906,886, from the net difference between projected and actual investment earnings on pension plan investments. The Town reported deferred inflows of resources related to pensions of \$141,971, from the changes in proportion and the differences between employer contributions and their proportionate share of contributions.

The balances of deferred outflows and inflows at June 30, 2016 consist of the following:

Deferred category	Deferred Outflows of Resources	Deferred Inflows of Resources	Total
Differences between projected and actual earnings\$ Changes in proportionate share of contributions	5,906,886 <u>-</u>	\$ - \$ (141,971)	5,906,886 (141,971)
Total Deferred Outflows/(Inflows) of Resources\$	5,906,886	\$ (141,971) \$	5,764,915

The deferred outflows of resources related to pensions will be recognized in pension expense as follows:

# Year ended June 30:

2017\$ 2018	1,574,730 1,574,730
Total\$	5,764,915

# Actuarial Assumptions

The total pension liability in the January 1, 2015, actuarial valuation was determined using the following actuarial assumptions, rolled forward to the measurement date of December 31, 2015:

Valuation date	January 1, 2015
Actuarial cost method	Individual Entry Age Normal Cost Method.
Amortization method	Level percent, open group.
Remaining amortization period	17 years.
Asset valuation method	Actuarially valued using a five-year smoothing method of gains and losses.
Investment rate of return/Discount rate	8.00%
Inflation rate	3.75%
Projected salary increases	3.75% per year.

Cost of living adjustments	3.0% of the lessor of the pension amount and \$13,000 per year.
Rates of retirement	Varies based upon age for general employees, police and fire employees.
Rates of disability	For general employees, it was assumed that 45% of all disabilities are ordinary (55% are service connected). For police and fire employees, 10% of all disabilities are assumed to be ordinary (90% are service connected).
Mortality rates	Pre-retirement and post retirement mortality are represented by the RP-2000 Mortality Table for males and females adjusted to 2015 with Scale AA. Disabled members is represented by the RP-2000 Mortality Table set forward two years for all disabled members.
Family composition	Assumption that 80% of members will be survived by a spouse, females are three years younger than males and males are three years older than females.

# Investment policy

The pension plan's policy in regard to the allocation of invested assets is established and may be amended by the Board and pursuant to Massachusetts General Laws and Public Employee Retirement Administration guidelines. Plan assets are managed on a total return basis with a long-term objective of achieving and maintaining a fully funded status for the benefits provided through the pension plan.

The investment objective is to fully fund the Plan by generating sufficient long-term inflation adjusted capital appreciation while providing sufficient liquidity to meet short-term withdrawal requirements. The Board desires to balance the goal of higher long-term returns with the goal of minimizing contribution volatility, recognizing these are often competing goals. This requires taking both assets and liabilities into account when setting investment strategy.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the pension plan's target asset allocation as of January 1, 2015 are summarized in the following table:

Asset Class	Portfolio Target Weight	Long-Term Expected Real Rate of Return
Domestic equity	33.00%	10.20%
Foreign equity	16.00%	11.00%
Total fixed income	25.50%	7.90%
Real estate/real assets	13.00%	9.30%
Private equity	7.50%	14.60%
Hedge funds of funds	4.00%	8.70%
Cash	1.00%	4.00%
•	100.00%	-

# Rate of return

For the year ended December 31, 2015, the annual money-weighted rate of return on pension plan investments, net of pension plan investment expense, was 0.25%. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

# Discount rate

The discount rate used to measure the total pension liability was 8.00%. The projection of cash flows used to determine the discount rate assumed plan member contributions will be made at the current contribution rate and that contributions will be made at rates equal to the actuarially determined contribution rate. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Sensitivity of the net pension liability to changes in the discount rate

The following presents the net pension liability, calculated using the discount rate of 8.00%, as well as what the net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (7.00%) or 1-percentage-point higher (9.00%) than the current rate:

		Current				
		1% Decrease (7.00%)		Discount (8.00%)		1% Increase (9.00%)
	_	(1.0070)	_	(0.0070)		(0.0070)
The Town's proportionate share of the	•		•		•	
net pension liability	\$	62,231,427	\$	50,159,092	\$	39,806,247

# NOTE 11 - POSTEMPLOYMENT BENEFITS OTHER THAN PENSIONS

Plan Description —The Town maintains a single employer defined benefit healthcare plan (the Retiree Health Plan). The Plan provides lifetime healthcare and life insurance for eligible retirees and their spouses. Chapter 32B of the MGL assigns authority to establish and amend benefit provisions of the Plan. The Plan provides the benefits by participating in the Mayflower Municipal Health Group. Medical and prescription drug benefits are provided to all eligible retirees through a variety of plans offered by Blue Cross Blue Shield of Massachusetts and Harvard Pilgrim Health Care. Benefit provisions are negotiated between the Town and the unions representing Town employees and are renegotiated each bargaining period. The other postemployment benefit plan does not issue a publicly available financial report.

At June 30, 2015, the Plan's membership consisted of the following:

Current retirees, beneficiaries, and dependents	702
Current active members	569_
Total	1,271

Funding Policy – Contribution requirements are also negotiated between the Town and union representatives. Retired plan members and beneficiaries currently receiving benefits are required to contribute 50% of the cost of benefits provided depending on the plan they choose. For the year ended June 30, 2016, the Town is required to contribute the balance of the current premiums and may contribute additional amounts to pre-fund benefits. The Town contributed approximately \$2,551,447 during year 2016 towards these benefits. Administrative costs of the Plan are assumed to be included in the fully insured premium rates.

Annual OPEB Costs and Net OPEB Obligation – The Town's annual other postemployment benefit (OPEB) cost (expense) is calculated based on the *annual required contribution of the employer (ARC)*, an amount actuarially determined in accordance with the parameters of GASB Statement 45. The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover normal cost each year and amortize any unfunded actuarial liabilities (or funding excess) over a period not to exceed thirty years.

The components of the Town's annual OPEB cost for the year, the amount actually contributed to the plan, and changes in the Town's net OPEB obligations are summarized in the following table:

Annual required contribution\$ Interest on net OPEB obligation Adjustments to annual required contribution Amortization of actuarial (gains)/losses	4,666,886 1,089,772 (1,635,673) 1,673,358
Annual OPEB cost/expense	5,794,343
Contributions made	(2,551,447)
Increase/(Decrease) in net OPEB obligation	3,242,896
Net OPEB obligation - beginning of year	31,136,281
Net OPEB obligation - end of year\$	34,379,177

The Town's annual OPEB cost, the percentage of annual OPEB cost contributed to the plan, and the net OPEB obligation for year 2016 and the two preceding years is as follows:

Year Ended	 Annual OPEB Cost	Percentage of Annual OPEB Cost Contributed	Annual OPEB				
6/30/2016 6/30/2015 6/30/2014	\$ 5,794,343 6,188,555 5,878,599	44% 35% 36%	\$	34,379,177 31,136,281 27,136,222			

Funded Status and Funding Progress — the funded status of the Plan as of the most recent actuarial valuation date and the two prior valuations is as follows:

Actuarial Valuation Date	. <u>-</u>	Actuarial Value of Assets (A)	 Actuarial Accrued Liability (AAL) Projected Unit Credit (B)	Unfunded AAL (UAAL) (B-A)	Funded Ratio (A/B)	 Covered Payroll (C)	UAAL as a Percentage of Covered Payroll ((B-A)/C)
7/1/2015	\$	156,342	\$ 80,421,318	\$ 80,264,976	0.19%	\$ 55,261,176	145.25%
7/1/2012		-	72,909,973	72,909,973	0.00%	53,243,257	136.94%
6/30/2011		-	82,246,204	82,246,204	0.00%	51,297,584	160.33%

Actual valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and the healthcare cost trend. Amounts determined regarding the funded status of the plan and the annual required contributions of the employer are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future. The schedule of funding progress, presented as required supplementary information following the notes to the basic financial statements, presents multi-year trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits.

Actuarial Methods and Assumptions – Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and the plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce the effect of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

The following additional information is provided as of the latest actuarial valuation:

Actuarial cost method	Individual Entry Age Normal Payments increasing at 3.75%, level % of payroll 23 years at July 1, 2015, closed Market value
ssumptions:	
Investment rate of return	3.5%, pay-as-you-go scenario (previously 4%)
Inflation rate	2.75%
Annual compensation increases	3.0%
Medical/drug cost trend rate	6.0% decreasing by 1% for 1 year to an ultimate of 5% per year.

### **NOTE 12 – LANDFILL CLOSURE**

State and federal laws and regulations require the Town to construct a final capping system on its landfill site when it stops accepting waste and to perform certain maintenance and monitoring functions at the site after closure. The Town closed and capped its landfill in 1995. The Town has reflected a \$384,750 post-closure care liability at June 30, 2016 as an obligation of the solid waste enterprise fund. This amount is based upon estimates of what it would cost to perform all post-closure care. Actual costs may be higher due to inflation, deflation, changes in technology, or changes in regulations. Its cost was estimated based on semi-annual sampling for the

current monitoring network at the site and estimated costs to maintain the integrity of the landfill cap during the post-closure period.

# **NOTE 13 - COMMITMENTS**

The Town has various commitments related to the construction projects which will be financed through long-term borrowing. These projects include \$2.3 million for Liberty Plaza renovations, \$1.9 for construction on the water main construction and upgrades, and \$3.4 million for various construction projects throughout the Town. In addition, the Furnace Brook Middle School requires roof repairs that are estimated to cost approximately \$8.0 million. The Town is seeking reimbursement for the project through the Massachusetts School Building Authority's Accelerated Repair Program. This project is expected to begin during the summer of 2017.

### **NOTE 14 - CONTINGENCIES**

The Town participates in a number of federal award programs. Although the grant programs have been audited in accordance with the provisions of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* through June 30, 2016, these programs are still subject to financial and compliance audits. The amount, if any, of expenditures which may be disallowed by the granting agencies cannot be determined at this time, although it is expected such amounts, if any, to be immaterial.

Various legal actions and claims are pending. Litigation is subject to many uncertainties, and the outcome of individual litigated matters is not always predictable. Although the amount of liability, if any, at June 30, 2016, cannot be ascertained, management believes any resulting liability should not materially affect the financial position at June 30, 2016.

# **NOTE 15 - SUBSEQUENT EVENTS**

Management has evaluated subsequent events through February 27, 2017, which is the date the financial statements were available to be issued.

### NOTE 16 – IMPLEMENTATION OF NEW GASB PRONOUNCEMENTS

During 2016, the following GASB pronouncements were implemented:

- GASB <u>Statement #72</u>, Fair Value Measurement and Application. Notes to the basic financial statements were changed to provide additional disclosure on fair value measurement.
- GASB <u>Statement #73</u>, Accounting and Financial Reporting for Pensions and Related Assets That Are Not within the Scope of GASB Statement 68, and Amendments to Certain Provisions of GASB Statements 67 and 68. This pronouncement did not impact the basic financial statements.
- GASB <u>Statement #76</u>, The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments. This pronouncement did not impact the basic financial statements.
- GASB <u>Statement #79</u>, Certain External Investment Pools and Pool Participants. The basic financial statements and related notes were updated to be in compliance with this pronouncement.

The following GASB pronouncements will be implemented in future years:

- The GASB issued <u>Statement #74</u>, Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans, which is required to be implemented in 2017.
- The GASB issued <u>Statement #75</u>, Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions, which is required to be implemented in 2018.
- The GASB issued <u>Statement #77</u>, *Tax Abatement Disclosures*, which is required to be implemented in 2017.
- The GASB issued <u>Statement #78</u>, Pensions Provided through Certain Multiple-Employer Defined Benefit Pension Plans, which is required to be implemented in 2017.
- The GASB issued <u>Statement #80</u>, *Blending Requirements for Certain Component Units an amendment of GASB Statement #14*, which is required to be implemented in 2017.
- The GASB issued <u>Statement #81</u>, *Irrevocable Split-Interest Agreements*, which is required to be implemented in 2018.
- The GASB issued <u>Statement #82</u>, <u>Pension Issues an amendment of GASB Statement #67</u>, #68, and #73, which is required to be implemented in 2018.
- The GASB issued <u>Statement #83</u>, Certain Asset Retirement Obligations, which is required to be implemented in 2019.

Management is currently assessing the impact the implementation of these pronouncements will have on the basic financial statements.

# General Fund Budgetary Comparison Schedule

The General Fund is the general operating fund of the Town. It is used to account for the entire Town's financial resources, except those required to be accounted for in another fund.

# GENERAL FUND SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE BUDGET AND ACTUAL

### YEAR ENDED JUNE 30, 2016

	Budgeted Amou	unts			
	Original Budget	Final Budget	Actual Budgetary Amounts	Amounts Carried Forward To Next Year	Variance to Final Budget
VENUES:					
Real estate and personal property taxes,					
net of tax refunds\$	60,219,382 \$	60,219,382 \$	58,954,053 \$	-	\$ (1,265,329
Tax liens.	2 454 000	2.454.000	137,497	-	137,497
Motor vehicle and other excise taxes	3,454,000 900,000	3,454,000 900,000	4,183,427 1,127,430	-	729,427 227,430
Charges for services	400,000	400,000	282,584		(117,416
Payments in lieu of taxes	32,000	400,000	202,304		(117,410
Intergovernmental	17,075,468	17,075,468	17,836,685	_	761,217
Departmental and other	1,187,000	1,187,000	921,992		(265,008
Investment income.	40,000	40,000	44,714	-	4,714
TOTAL REVENUES	83,307,850	83,275,850	83,488,382		212,532
PENDITURES: rrent:					
GENERAL GOVERNMENT					
Moderator	92	92	92	<u>-</u>	
Selectmen:					
Salaries	268,161	271,250	257,538	2,866	10,846
Expenditures	218,339	253,853	246,057	1,907	5,889
Elected officials	3,417	3,417	8,302	-	(4,885
TOTAL	489,917	528,520	511,897	4,773	11,850
Facilities Manager:					
Salaries	165,431	165,387	165,387	-	
Expenditures	299,678	320,908	320,685		223
TOTAL	465,109	486,295	486,072	-	223
Town Accountant:					
Salaries	177,185	179,098	178,701	-	397
Expenditures	5,318	5,309	5,228	-	81
TOTAL	182,503	184,407	183,929	-	478
Assessors:	240.446	220 272	218,931		1,341
Salaries Expenditures	218,416 70,900	220,272 70,900	70,824	-	1,341
Elected officials		3,687		-	
TOTAL	3,687 293,003	294,859	3,800 293,555		1,304
Treasurer/Collector:					
Salaries	356,035	586,198	586,198		
Expenditures	46,284	60,499	55,561	-	4,938
Tax title		10,000	950	-	9,050
TOTAL	402,319	656,697	642,709	-	13,988
Annual Audit:	405.000	400.000	100.000		5.000
Expenditures	105,000	108,996	103,996	<u>-</u>	5,000
Legal: Expenditures	164,000	157,892	111,262	8,447	38,183
Information Technology					
Information Technology: Salaries	92,675	92,675	77,462		15,213
Expenditures	170,717	170,717	149,431	2,744	18,542
TOTAL	263,392	263,392	226,893	2,744	33,755
Town Clerk:					
Salaries	42,648	54,206	45,214	8,992	
Expenditures	4,110	2,413	2,413	-	
Elected officials	56,692	58,974	58,974	-	
TOTAL	103,450	115,593	106,601	8,992	-
Elections: Expenditures	42,100	77,326	77,127	_	199
· —	72,100	77,020	11,121		
Conservation Commission: Salaries	111,770	112,242	112,032	210	
Expenditures	13,644	13,381	13,155	210	226
TOTAL	125,414	125,623	125,187	210	226
Planning Board:					
Salaries	127,297	130,205	130,205	-	
Expenditures	1,700	1,700	1,676	-	24
Elected officials	1,120	707	707	-	
TOTAL	130,117	132,612	132,588		24

(Continued)

# GENERAL FUND SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE BUDGET AND ACTUAL

### YEAR ENDED JUNE 30, 2016

	Budgeted Amo	ounts			
_	Original Budget	Final Budget	Actual Budgetary Amounts	Amounts Carried Forward To Next Year	Variance to Final Budget
Zoning Board of Appeals:					
Salaries	29,139	30,938	30,938	-	
Expenditures	1,422 30,561	854 31,792	806 31,744		4
TOTAL	30,561	31,792	31,744	-	4
Reserve Fund	100,700	-			
Total General Government	2,897,677	3,164,096	3,033,652	25,166	105,27
PUBLIC SAFETY					
Police:					
Salaries	4,503,292	4,557,053	4,524,485	-	32,56
Expenditures TOTAL	315,944 4,819,236	315,944 4,872,997	314,154 4,838,639		1,79
	4,619,236	4,672,997	4,030,039	-	34,35
Fire:					
Salaries Expenditures	4,676,407 283,946	4,638,083 283,944	4,627,212 283,944	-	10,87
TOTAL	4,960,353	4,922,027	4,911,156		10,87
Building Inspection:					
Salaries	240,647	246,085	246,085	-	
Expenditures	7,484	7,385	6,915		47
TOTAL	248,131	253,470	253,000	-	47
Sealer of Weights/Measures:					
Expenditures	5,000	5,000	5,000	<u> </u>	
Animal Control:	62.266	00.000	60.447	821	
Salaries Expenditures.	63,266 7,564	68,968 7,564	68,147 6,474	821	1,09
TOTAL	70,830	76,532	74,621	821	1,09
Animal Inspector:					
Salaries	2,500	2,500	2,292		20
Harbor Master:					
Salaries	94,500	94,501	94,501	-	
Expenditures	58,500	60,610	60,610		
TOTAL	153,000	155,111	155,111	=	
Total Public Safety	10,259,050	10,287,637	10,239,819	821	46,99
EDUCATION					
Public Schools:	44 474 024	44 474 024	44 442 004	22.770	7.10
Salaries and Expenditures	44,174,034	44,174,034	44,143,094	23,779	7,16
PUBLIC WORKS					
Department of Public Works: Salaries	1,750,326	1,787,550	1,757,883		29,66
Expenditures	452,655	532,655	510,596	2,804	19,25
Elected officials	2,180	2,180	1,124	2,00	1,05
TOTAL	2,205,161	2,322,385	2,269,603	2,804	49,97
Snow and Ice:					
Expenditures	400,000	587,981	587,981		
Automotive Fuel:					
Expenditures	454,803	441,117	284,727		156,39
Total Public Works	3,059,964	3,351,483	3,142,311	2,804	206,36
HUMAN SERVICES					
Health:					
Salaries	183,778	183,493	183,493	-	
Expenditures	24,840	26,024	26,024	-	
Elected officials  TOTAL	1,460 210,078	1,460 210,977	1,460 210,977	<del>-</del>	
	210,070	210,311	210,377	-	
Council on Aging: Salaries	190,912	193,661	193,542	-	11
Expenditures	24,140	24,140	24,088	-	5
		217,801			17

(Continued)

# GENERAL FUND SCHEDULE OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE BUDGET AND ACTUAL

# YEAR ENDED JUNE 30, 2016

	Budgeted Amo	ounts			
	Original Budget	Final Budget	Actual Budgetary Amounts	Amounts Carried Forward To Next Year	Variance to Final Budget
Veterans: Salaries	95,602	96,555	96,555	_	_
Expenditures	368,728	366,482	313,120	5,000	48,362
TOTAL	464,330	463,037	409,675	5,000	48,362
Total Human Services	889,460	891,815	838,282	5,000	48,533
CHITUDE AND DECREATION					
CULTURE AND RECREATION  Library:					
Salaries	543,300	545,156	535,020		10,136
Expenditures	151,916	151,916	151,240		676
TOTAL	695,216	697,072	686,260	-	10,812
Trustees of Soldiers Memorial:					
Salaries	8,000	7,375	7,375		-
Expenditures	8,000	8,625	8,608		17
TOTAL	16,000	16,000	15,983	-	17
Historical Commission:					
Expenditures	3,780	3,780	2,870	-	910
Clam Flats:	4.000	4.000			4 000
Salaries  Expenditures	1,000 1,000	1,000 1,000	949	-	1,000
TOTAL	2,000	2,000	949	<del></del>	1,051
Total Culture and Recreation	716,996	718,852	706,062		12,790
_					12,730
Business insurance.	825,500	818,546	818,546	<del>-</del>	
Unemployment Compensation	125,000	66,185	66,185	<u> </u>	
Retirement	5,135,671	5,135,671	5,135,671		
Employee Benefits	5,549,962	5,615,179	5,615,179		
Medicare	713,287	711,909	656,018		55,891
State and County Assessment	821,730	821,730	746,141		75,589
Utilities	346,290	360,669	345,655	13,757	1,257
Unclassified:					
Salaries	1,000	1,000	1,106		(106)
Expenditures	23,152	25,608	25,325	-	283
TOTAL	24,152	26,608	26,431		177
Debt Service Principal	6,803,673	6,848,674	6,848,674		
Debt Service Interest	3,002,326	2,957,325	2,885,116	-	72,209
TOTAL EXPENDITURES	85,344,772	85,950,413	85,246,836	71,327	632,250
<del>-</del>	00,044,772	00,300,410	00,240,000	71,527	002,200
XCESS (DEFICIENCY) OF REVENUES OVER (UNDER) EXPENDITURES	(2,036,922)	(2,674,563)	(1,758,454)	(71,327)	844,782
OTHER FINANCING SOURCES (USES):					
Premium from issuance of bonds	-	-	236,747	-	236,747
Transfers in	1,585,821	1,585,821	1,585,821	-	-
Transfers out	(3,000)	(3,350,251)	(3,350,251)		
TOTAL OTHER FINANCING SOURCES (USES)	1,582,821	(1,764,430)	(1,527,683)		236,747
IET CHANGE IN FUND BALANCE	(454,101)	(4,438,993)	(3,286,137)	(71,327)	1,081,529
SUDGETARY FUND BALANCE, Beginning of year	6,699,568	6,699,568	6,699,568	-	-

See notes to required supplementary information.

(Concluded)

# Pension Plan Schedules

The Schedule of the Town's Proportionate Share of the Net Pension Liability presents multi-year trend information on the Town's net pension liability and related schedules.

The Schedule of Town's Contributions presents multi-year trend information on the Town's required and actual contributions to the pension plan and related ratios.

The Schedule of the Special Funding Amounts of the Net Pension Liability for the Massachusetts Teachers Retirement System presents multi-year trend information on the liability and expense assumed by the Commonwealth of Massachusetts on behalf of the Town along with related ratios.

These schedules are intended to present information for ten years. Until a ten-year trend is complied, information is presented for those years for which information is available.

# SCHEDULE OF THE TOWN'S PROPORTIONATE SHARE OF THE NET PENSION LIABILITY

# PLYMOUTH COUNTY CONTRIBUTORY RETIREMENT SYSTEM

	December 31, 2014	December 31, 2015
Town's proportion of the net pension liability (asset)	7.909%	7.909%
Town's proportionate share of the net pension liability (asset)\$	46,100,484	\$ 50,159,092
Town's covered employee payroll\$	20,842,080	\$ 21,623,658
Net pension liability as a percentage of covered-employee payroll	221.19%	231.96%
Plan fiduciary net position as a percentage of the total pension liability	58.88%	56.80%

Note: this schedule is intended to present information for 10 years. Until a 10-year trend is compiled, information is presented for those years for which information is available.

# SCHEDULE OF CONTRIBUTIONS PLYMOUTH COUNTY CONTRIBUTORY RETIREMENT SYSTEM

<u>-</u>	December 31, 2014	December 31, 2015
Actuarially determined contribution\$	4,847,897	\$ 5,134,471
Contributions in relation to the actuarially determined contribution	(4,847,897)	(5,134,471)
Contribution deficiency (excess)\$	-	\$ _
Covered-employee payroll\$	20,842,080	\$ 21,623,658
Contributions as a percentage of covered- employee payroll	23.26%	23.74%

Note: this schedule is intended to present information for 10 years. Until a 10-year trend is compiled, information is presented for those years for which information is available.

# SCHEDULE OF THE SPECIAL FUNDING AMOUNTS OF THE NET PENSION LIABILITY

### MASSACHUSETTS TEACHERS' RETIREMENT SYSTEM

The Commonwealth of Massachusetts is a nonemployer contributor and is required by statute to make all actuarially determined employer contributions on behalf of the member employers which creates a special funding situation. Since the Town does not contribute directly to MTRS, there is no net pension liability to recognize. This schedule discloses the Commonwealth's 100% share of the collective net pension liability that is associated with the Town; the portion of the collective pension expense as both a revenue and pension expense recognized by the Town; and the Plan's fiduciary net position as a percentage of the total liability.

	Commonwealth's 100% Share of the	Town's Expense and Revenue	
	Net Pension	Recognized for the	Plan Fiduciary Net Position as a
	Liability Associated with	Commonwealth's	Percentage of the
Fiscal Year	the Town	Support	Total Liability
2016\$	96,481,795	\$ 7,825,532	55.38%
2015	74,722,138	5,191,306	61.64%

Note: this schedule is intended to present information for 10 years. Until a 10-year trend is compiled, information is presented for those years for which information is available.

# Other Postemployment Benefit Plan Schedules

The Schedule of Funding Progress compares, over time, the actuarial accrued liability for benefits with the actuarial value of accumulated plan assets.

The Schedule of Employer Contributions compares, over time, the annual required contributions to the actual contribution made.

The Schedule of Actuarial Methods and Assumptions presents factors that significantly affect the identification of trends in the amounts reported.

# OTHER POSTEMPLOYMENT BENEFIT PLAN SCHEDULE OF FUNDING PROGRESS AND EMPLOYER CONTRIBUTIONS

# **Schedule of Funding Progress**

Actuarial Valuation Date	Actuarial Value of Assets (A)	Actuarial Accrued Liability (AAL) Projected Unit Credit (B)	Unfunded AAL (UAAL) (B-A)	Funded Ratio (A/B)	Covered Payroll (C)	UAAL as a Percentage of Covered Payroll ((B-A)/C)
7/1/2015 \$	\$ 156,342	\$ 80,421,318	\$ 80,264,976	0.19% \$	55,261,176	145.25%
7/1/2012	-	72,909,973	72,909,973	0.00%	53,243,257	136.94%
6/30/2011	-	82,246,204	82,246,204	0.00%	51,297,584	160.33%
12/31/2009	-	82,656,569	82,656,569	0.00%	50,324,651	164.25%
6/30/2008	-	62,050,000	62,050,000	0.00%	43,781,000	141.73%

# **Schedule of Employer Contributions**

Year Ended	 Annual Required Contribution (ARC)	Actual Contributions Made	Percentage of the ARC Contributed
2016	\$ 4,666,886	2,551,447	54.7%
2015	5,180,593	2,188,496	42.2%
2014	4,869,389	1,959,866	40.2%
2013	5,593,642	2,396,073	42.8%
2012	5,334,440	2,183,210	40.9%
2010	5,752,977	2,160,174	37.5%
2009	6,437,000	1,479,719	23.0%
2008	6,060,000	1,411,481	23.3%

# OTHER POSTEMPLOYMENT BENEFIT PLAN ACTUARIAL METHODS AND ASSUMPTIONS

**Actuarial Methods:** 

Valuation date...... July 1, 2015

Actuarial cost method...... Individual Entry Age Normal

**Actuarial Assumptions:** 

ultimate of 5% per year.

Plan Membership:

Current retirees, beneficiaries, and dependents..... 702
Current active members...... 569

# NOTE A - STEWARDSHIP, COMPLIANCE AND ACCOUNTABILITY

# A. Budgetary Information

Municipal Law requires the adoption of a balanced budget that is approved by the Finance Committee (Committee). The Committee presents an annual budget to the Open Town Meeting, which includes estimates of revenues and other financing sources and recommendations of expenditures and other financing uses. The Town, which has full authority to amend and/or reject the budget or any line item, adopts the expenditure budget by majority vote.

Increases or transfers between and within departments subsequent to the approval of the annual budget, requires majority vote at a Special Town Meeting.

The majority of appropriations are non-continuing which lapse at the end of each year. Others are continuing appropriations for which the governing body has authorized that an unspent balance from a prior year be carried forward and made available for spending in the current year. These carry forwards are included as part of the subsequent year's original budget.

Generally, expenditures may not exceed the legal level of spending (salaries and expenses) authorized for an appropriation account. However, the payment of debt service is statutorily required, regardless of whether such amounts are appropriated. Additionally, expenditures for disasters, natural or otherwise, and final claims and judgments may exceed the level of spending authorized by majority vote at a Special Town Meeting.

An annual budget is adopted for the general fund in conformity with the guidelines described above. The original year 2016 approved budget authorized approximately \$85.3 million in appropriations and other amounts to be raised.

The Town Accountant's office has the responsibility to ensure that budgetary control is maintained. Budgetary control is exercised through the accounting system.

# B. Budgetary - GAAP Reconciliation

For budgetary financial reporting purposes, the Uniform Municipal Accounting System basis of accounting (established by the Commonwealth) is followed, which differs from the GAAP basis of accounting. A reconciliation of budgetary-basis to GAAP-basis results for the general fund for the year ended June 30, 2016, is presented below:

Net change in fund balance, budgetary basis\$	(3,286,137)
Perspective difference:	
Activity of the stabilization fund recorded in the	
general fund for GAAP	6,678
Basis of accounting differences:	
Net change in recording revenue accruals	163,474
Net change in recording tax refunds payable	71,130
Net change in expenditure accruals	41,304
Recognition of revenue for on-behalf payments	7,825,532
Recognition of expenditures for on-behalf payments	(7,825,532)
Net change in fund balance - GAAP basis\$	(3,003,551)

# **NOTE B - PENSION PLAN**

### Pension Plan Schedules

# A. Schedule of the Town's Proportionate Share of the Net Pension Liability

The Schedule of the Town's Proportionate Share of the Net Pension Liability details the allocated percentage of the net pension liability (asset), the proportionate share of the net pension liability, and the covered employee payroll. It also demonstrates the net position as a percentage of the pension liability and the net pension liability as a percentage of covered payroll.

# B. Schedule of Town's Contributions

Governmental employers are required to pay an annual appropriation as established by PERAC. The appropriation includes the amounts to pay the pension portion of each member's retirement allowance, an amount to amortize the actuarially determined unfunded liability to zero in accordance with the System's funding schedule, and additional appropriations in accordance with adopted early retirement incentive programs. The appropriations are payable on July 1 and January 1. The Town may choose to pay the entire appropriation in July at a discounted rate. Accordingly, actual contributions may be less than the "total appropriation". The pension fund appropriation is allocated to the Town based on covered payroll.

# C. Schedule of the Special Funding Amounts of the Net Pension Liabilities

The Commonwealth of Massachusetts is a nonemployer contributor and is required by statute to make all actuarially determined employer contributions on behalf of the member employers which creates a special funding situation. Since the Town does not contribute directly to MTRS, there is no net pension liability to recognize. This schedule discloses the Commonwealth's 100% share of the collective net pension liability that is associated with the Town; the portion of the collective pension expense as both revenue and pension expense recognized by the Town; and the Plan's fiduciary net position as a percentage of the total liability.

D. Changes in Assumptions.				
	$\Box$	Changes	in	Accumptions

None.

# E. Changes in Plan Provisions

None.

# NOTE C - OTHER POSTEMPLOYMENT BENEFITS

The Town administers a single-employer defined benefit healthcare plan ("the Retiree Health Plan"). The plan provides lifetime healthcare for eligible retirees and their spouses through the Town's health insurance plan, which covers both active and retired members, including teachers.

The Town primarily finances its other postemployment benefits (OPEB) on a pay-as-you-go basis. As a result, the funded ratio (actual value of assets expressed as a percentage of the actuarial accrued liability) is .19%. In accordance with Governmental Accounting Standards, the Town has recorded its OPEB cost equal to the actuarial determined annual required contribution (ARC) which includes the normal cost of providing benefits for the year and a component for the amortization of the total unfunded actuarial accrued liability of the plan.

The Schedule of Funding Progress presents multi-year trend information which compares, over time, the actuarial accrued liability for benefits with the actuarial value of accumulated plan assets.

The Schedule of Employer Contributions presents multi-year trend information for required and actual contributions relating to the plan.

Projections of benefits for financial reporting purposes are based on the substantive plan and included the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit cost between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

The Schedule of Actuarial Methods and Assumptions presents factors that significantly affect the identification of trends in the amounts reported.

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# Combining and Individual Fund Statements

# **Nonmajor Governmental Funds**

# Special Revenue Funds

Special revenue funds are used to account for the proceeds of specific revenue sources (other than permanent funds or capital project funds) that are restricted by law or administrative action to expenditures for specified purposes. The Town's special revenue funds are grouped into the following categories:

**School State and Federal Grant Fund** – This fund accounts for all federal and state grants used for school related projects and activities.

**Town State and Federal Grant Fund** – This fund is used to account for all federal and state grants used for Town related projects and activities.

**Airport Fund** – This fund is used to account for improvements, certain maintenance, and capital equipment associated with the Town's Municipal Airport.

**Town General Revolving Fund** – This fund accounts for various Town operations such as insurance recoveries, recreation activities and workers compensation.

**School General Revolving Fund** – This fund accounts for school activities, such as operation of the public school lunch program, athletic receipts and tuition costs.

**Chapter 90 Fund** - This fund accounts for grants received from the State mainly in relation to maintaining the Town's streets and sidewalks.

**Postemployment Benefits** – This fund is used to account for amounts accumulated for future Town obligations related to postemployment benefits.

**Other Funds** - These funds account for receipts reserved for appropriation as well as various bequests made by benefactors to the Town for which principal portions of bequests as well as the related earnings can be expended by the Town.

# Capital Projects

Capital project funds are used to account for financial resources used in the acquisition or construction of major capital facilities (other than those financed by enterprise funds).

**Town Capital Project Fund** – This fund is used to account for and report financial resources for the acquisition or construction of non-school capital facilities and other capital assets of the governmental funds.

### Permanent Funds

Permanent funds are used to report resources that are legally restricted to the extent that only earnings, not principal, may be used for purposes that support governmental programs.

**Permanent Funds** – These funds account for all contributions and bequests for which only earnings may be expended to benefit the government.

# NONMAJOR GOVERNMENTAL FUNDS

# COMBINING BALANCE SHEET

# JUNE 30, 2016

			Special Rev	ven	ue Funds		
	School State & Federal Grants		Town State & Federal Grants		Airport		Town General Revolving
ASSETS:  Cash and cash equivalents\$	352,863	Ф	1,326,455	¢		\$	899,851
Investments	-	φ	1,320,433	φ	-	Φ	-
Receivables, net of uncollectibles:							
Intergovernmental	-		-		574,826		-
Due from other funds	-		-		-		298,619
TOTAL ASSETS\$	352,863	\$	1,326,455	\$	574,826	\$	1,198,470
LIABILITIES:							
Warrants payable\$	5,058	\$	3,260	\$	553,258	\$	18,621
Accrued payroll	20,124		198		- 37,619		305
Notes payable					-		
TOTAL LIABILITIES	25,182		3,458		590,877		18,926
DEFERRED INFLOWS OF RESOURCES:							
Unavailable revenue	-		-		84,104		-
FUND BALANCES:							
Nonspendable	-		-		-		-
Restricted	327,681		1,322,997		-		1,179,544
Committed Unassigned	-		- -		(100,155)		<u>-</u>
TOTAL FUND BALANCES	327,681		1,322,997		(100,155)		1,179,544
TOTAL LIABILITIES, DEFERRED INFLOWS							
OF RESOURCES AND FUND BALANCES\$	352,863	\$	1,326,455	\$	574,826	\$	1,198,470

			Special Rever	nue	Funds								
_	School General Revolving	 Chapter 90	 Postemployment Benefits		Other		Sub-total		Town Capital Projects		Permanent Funds		Total Nonmajor Governmental Funds
\$	611,368 -	\$ -	\$ 180,177 -	\$	1,043,098	\$	4,413,812 -	\$	1,084,592 -	\$	2,363,350 277,923	\$	7,861,754 277,923
<del>-</del>	-	 1,440,195 -	 -		-		2,015,021 298,619	- <u>-</u>	-		-		2,015,021 298,619
\$_	611,368	\$ 1,440,195	\$ 180,177	\$_	1,043,098	\$_	6,727,452	\$_	1,084,592	\$_	2,641,273	\$	10,453,317
\$	8,041 13,142 - -	\$ 196,207 - 261,000 -	\$ - - - -	\$	26,580 32,005 -	\$	811,025 65,774 298,619	\$	181,984 11,869 - 1,441,600	\$	2,999 - - -	\$	996,008 77,643 298,619 1,441,600
-	21,183	 457,207	 -		58,585		1,175,418		1,635,453		2,999		2,813,870
_		 982,988	 				1,067,092			. =	-	_, .	1,067,092
-	- 590,185 - -	 - - -	 - - 180,177 -		- 984,513 - -		- 4,404,920 180,177 (100,155)	_	- - - (550,861)	- <del>-</del>	1,258,385 1,379,889 -	<u> </u>	1,258,385 5,784,809 180,177 (651,016)
-	590,185	 -	 180,177		984,513		4,484,942		(550,861)	-	2,638,274		6,572,355
\$_	611,368	\$ 1,440,195	\$ 180,177	\$_	1,043,098	\$_	6,727,452	\$_	1,084,592	\$	2,641,273	\$	10,453,317

# NONMAJOR GOVERNMENTAL FUNDS

# COMBINING STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES

# YEAR ENDED JUNE 30, 2016

	Special Revenue Funds							
	School State & Federal Grants		Town State & Federal Grants	Airport		Town General Revolving		
REVENUES:								
Charges for services\$	-	\$	-	\$	60,363 \$	-		
Intergovernmental	2,648,683		922,391		1,233,694	536,188		
Departmental and other	-		-		-	946,941		
Contributions	-		-		-	-		
Investment income	-	-		-	<u>-</u>			
TOTAL REVENUES	2,648,683	_	922,391		1,294,057	1,483,129		
EXPENDITURES:								
Current:								
General government	-		8,923		1,226,120	629,918		
Public safety	-		128,517		-	466,646		
Education	2,554,686		-		-	-		
Public works	-		188,520		-	-		
Health and human services	-		46,287		-	14,463		
Culture and recreation	-	_	23,038	_	<u>-</u>	2,992		
TOTAL EXPENDITURES	2,554,686	_	395,285		1,226,120	1,114,019		
EXCESS (DEFICIENCY) OF REVENUES								
OVER (UNDER) EXPENDITURES	93,997	_	527,106		67,937	369,110		
OTHER FINANCING SOURCES (USES):								
Issuance of long-term debt	-		-		-	-		
Transfers in	-		-		-	-		
Transfers out	-	_						
TOTAL OTHER FINANCING SOURCES (USES)	-	_						
NET CHANGE IN FUND BALANCES	93,997		527,106		67,937	369,110		
FUND BALANCES AT BEGINNING OF YEAR	233,684	_	795,891		(168,092)	810,434		
FUND BALANCES AT END OF YEAR\$	327,681	\$	1,322,997	\$	(100,155) \$	1,179,544		

			Special Revenue	e Funds		-			
-	School General Revolving	Chapter 90	Postemployment Benefits	Other	Sub-total		Town Capital Projects	Permanent Funds	Total Nonmajor Governmental Funds
\$	_	\$ -	\$ - 9	\$ -	\$ 60,363	\$	- \$	_	\$ 60,363
•	298,678	1,632,268	-	153,747	7,425,649	•	2,695,054	_	10,120,703
	2,039,901	-	-	871,622	3,858,464		_,	_	3,858,464
	_,,,,,,,,,	-	-	376,785	376,785		_	122,438	499,223
_	-	<u> </u>	401		401		122	30,290	30,813
-	2,338,579	1,632,268	401	1,402,154	11,721,662	<u> </u>	2,695,176	152,728	14,569,566
				8,552	1,873,513		1,117,499	417	2,991,429
	-	-	-	10,673	605,836		417,856		, ,
	- 0.447.460	-	-	•			,	12,000	1,035,692
	2,147,460	1,632,268	-	431,717 81,657	5,133,863		941	-	5,134,804
	-	1,032,200	-	126,976	1,902,445 187,726		3,165,139 4,878	-	5,067,584 192,604
	-	-	-	486,139	512,169		15,908	-	528,077
-	2,147,460	1,632,268		1,145,714	10,215,552		4,722,221	12,417	14,950,190
_	191,119	<u> </u>	401	256,440	1,506,110	<u> </u>	(2,027,045)	140,311	(380,624)
	-	-	-	-			7,675,500	-	7,675,500
	-	-	20,000	(70.000)	20,000		1,398,693	200,000	1,618,693
-	-	·		(70,000)	(70,000)		(1,689,148)	(23,480)	(1,782,628)
-	-	<u> </u>	20,000	(70,000)	(50,000)	_	7,385,045	176,520	7,511,565
	191,119	-	20,401	186,440	1,456,110		5,358,000	316,831	7,130,941
-	399,066	. <u> </u>	159,776	798,073	3,028,832	<u> </u>	(5,908,861)	2,321,443	(558,586)
\$	590,185	\$	\$ 180,177	\$ 984,513	\$ 4,484,942	\$	(550,861) \$	2,638,274	\$ 6,572,355

# **Agency Fund**

The Agency Fund is used to account for assets held in a purely custodial capacity. The Town's agency fund is used to account for payroll withholdings, off-duty work details, performance bonds, and fees collected on behalf of other governments.

# **AGENCY FUND**STATEMENT OF CHANGES IN ASSETS AND LIABILITIES

# FOR THE YEAR ENDED JUNE 30, 2016

	Agency Accounts June 30, 2015	Additions	Deletions	Agency Accounts June 30, 2016
ASSETS				
CURRENT:				
Cash and cash equivalents\$	2,230,326 \$	15,410,753	\$ (16,200,178) \$	1,440,901
LIABILITIES				
Liabilities due depositors\$	2,230,326 \$	15,410,753	\$ (16,200,178) \$	1,440,901

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# Statistical Section



Pictured above is the Ocean Bluff.

# **Statistical Section**

This part of the Town of Marshfield's comprehensive annual financial report presents detailed information as a context for understanding what the information in the financial statements, note disclosures, and required supplementary information says about the Town's overall financial health.

# Financial Trends

• These schedules contain trend information to help the reader understand how the Town's financial performance and well-being have changed over time.

# Revenue Capacity

 These schedules contain information to help the reader assess the Town's most significant local revenue source, the property tax.

# **Debt Capacity**

• These schedules present information to help the reader assess the affordability of the Town's current levels of outstanding debt and the Town's ability to issue additional debt in the future.

# Demographic and Economic Information

• These schedules offer demographic and economic indicators to help the reader understand the environment within which the Town's financial activities take place.

# Operating Information

 These schedules contain service and infrastructure data to help the reader understand how the information in the Town's financial report relates to the services the Town provides and the activities it performs.

SOURCES: Unless otherwise noted, the information in these schedules is derived from the Town's financial reports for the relevant year.

### **Net Position By Component**

### Last Ten Years

-	2007	2008	2009	2010	2011	2012	2013	2014 (1)	2015	2016
Governmental activities  Net investment in capital assets\$  Restricted  Unrestricted	85,996,195 \$ 23,991,961 14,025,892	71,485,319 \$ 10,886,951 5,593,969	80,444,484 \$ 9,286,816 (5,684,079)	85,564,870 \$ 6,158,282 (8,723,517)	86,773,388 4,630,832 (11,104,441)	\$ 88,902,106 \$ 6,049,582 (14,043,367)	6 100,821,726 \$ 6,846,578 (13,432,592)	138,566,327 \$ 7,822,625 (52,771,969)	143,838,725 \$ 7,659,915 (54,354,781)	149,244,882 8,004,644 (57,825,355)
Total governmental activities net position \$	124,014,048 \$	87,966,239 \$	84,047,221 \$	82,999,635	80,299,779	80,908,321	94,235,712 \$	93,616,983 \$	97,143,859 \$	99,424,171
Business-type activities  Net investment in capital assets\$  Unrestricted	24,653,351 \$ 9,087,958	49,444,954 \$ 18,181,012	50,245,420 \$ 16,787,324	49,329,223 \$ 16,134,891	16,695,970	14,622,191	12,758,096	52,474,898 \$ 3,443,331	52,115,038 \$ 3,577,268	52,272,970 5,536,387
Total business-type activities net position \$	33,741,309 \$	67,625,966 \$	67,032,744 \$	65,464,114	64,914,923	63,824,069 \$	63,591,271 \$	55,918,229 \$	55,692,306 \$	57,809,357
Primary government  Net investment in capital assets\$  Restricted	110,649,546 \$ 23,991,961 23,113,850	120,930,273 \$ 10,886,951 23,774,981	130,689,904 \$ 9,286,816 11,103,245	134,894,093 \$ 6,158,282 7,411,374	3 134,992,341 3 4,630,832 5,591,529	\$ 138,103,984 \$ 6,049,582 578,824	5 151,654,901 \$ 6,846,578 (674,496)	191,041,225 \$ 7,822,625 (49,328,638)	195,953,763 \$ 7,659,915 (50,777,513)	201,517,852 8,004,644 (52,288,968)
Total primary government net position\$	157,755,357 \$	155,592,205 \$	151,079,965 \$	148,463,749 \$	145,214,702	\$144,732,390_ \$	157,826,983 \$	149,535,212 \$	152,836,165 \$	157,233,528

Note: For the year 2007 the Town's Sewer Enterprise Fund was reported as a Special Revenue Fund and was included as part of the Governmental Activities. (1) The 2014 unrestricted net position for governmental and business-type activities has been revised due to the implementation of GASB Statement #68.

### Changes in Net Position

### Last Ten Years

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Expenses										
Governmental activities:										
General government\$	4,359,161 \$	4,434,575 \$	3,965,070 \$	3,334,481 \$	3,913,502 \$	3,973,477 \$	4,920,094 \$	4,483,129 \$	5,287,075 \$	5,454,536
Public safety	11,439,519	12,662,170	13,771,086	13,507,314	14,514,764	14,658,407	15,526,807	16,315,383	17,178,837	17,642,972
Education	54,276,952	60,078,051	61,604,106	62,158,553	63,483,086	63,704,682	65,277,828	67,956,118	63,678,563	71,400,698
Public works	7,799,074	4,789,661	5,128,289	5,274,797	5,948,666	5,087,136	5,856,808	5,815,971	7,368,229	5,425,790
Health and human services	806,865	1,099,074	1,232,271	1,163,764	1,221,811	1,237,194	1,210,350	1,341,678	1,413,444	1,359,699
Community preservation.	1,475,089 151,858	1,773,229 176,948	1,886,359 262,790	2,083,873 300,969	1,926,877 146,273	2,017,701 398,581	1,995,595 623,138	1,805,484 153,016	1,851,271 217,358	1,938,060 524,802
Interest	1,821,404	1,288,074	1,260,103	949,620	787,632	876,894	965,928	1,927,587	2,534,687	2,040,212
Total governmental activities expenses	82,129,922	86,301,782	89,110,074	88,773,371	91,942,611	91,954,072	96,376,548	99,798,366	99,529,464	105,786,769
Business-type activities:	02,123,322	00,301,702	03,110,074	00,770,071	31,342,011	31,334,072	30,370,340	33,730,300	33,023,404	100,700,700
Sewer		3,825,132	3,717,598	3,530,589	3,514,018	3,494,294	3,627,666	3,656,216	3,911,778	4,048,263
Water	3,045,954	3,323,888	3,645,200	3,512,862	3,508,484	3,460,273	3,639,881	3,798,259	3,859,098	3,747,914
Solid waste	3,336,314	3,245,294	3,186,993	2,850,197	2,663,547	2,608,972	2,816,781	2,641,271	2,667,770	3,161,419
Total business-type activities expenses	6,382,268	10,394,314	10,549,791	9,893,648	9,686,049	9,563,539	10,084,328	10,095,746	10,438,646	10,957,596
Total primary government expenses\$	88,512,190 \$	96,696,096 \$	99,659,865 \$	98,667,019 \$	101,628,660 \$	101,517,611 \$	106,460,876 \$	109,894,112 \$	109,968,110 \$	116,744,365
	00,012,100	Ψ	00,000,000	Φ,σοι,σισ	101,020,000	τοι,στι,στι ψ	100,100,070	του,ου 1,112 ψ	100,000,110	110,711,000
Program Revenues										
Governmental activities: Charges for services:										
Public safety charges for services\$	1,489,822 \$	1,662,618 \$	1,470,734 \$	1,833,254 \$	1,636,627 \$	1,860,575 \$	1,937,559 \$	1,931,218 \$	1,879,054 \$	1,897,114
Education charges for services	1,450,676	1,329,265	1,633,614	1,582,987	1,591,792	1,683,818	1,455,140	1,797,061	1,954,966	2,379,114
Public works charges for services	2,504,563	55,965	140,343	120,255	140,202	162,441	171,624	192,255	164,938	143,925
Other charges for services	872,612	1,137,163	1,057,287	1,113,914	1,189,719	1,158,333	1,263,264	869,318	691,130	774,374
Operating grants and contributions	23,970,172	25,709,451	27,079,730	27,768,573	28,180,829	30,468,638	28,854,321	30,197,758	25,899,258	28,216,908
Capital grants and contributions	1,285,273	2,603,013	983,632	2,032,817	2,205,026	1,277,419	20,149,784	37,906,270	7,425,898	6,781,879
Total government activities program revenues	31,573,118	32,497,475	32,365,340	34,451,800	34,944,195	36,611,224	53,831,692	72,893,880	38,015,244	40,193,314
Duningen type activities.										
Business-type activities: Charges for services:										
Sewer	0.444.000	2,880,162	2,470,233	2,408,283	2,541,836	2,475,768	2,544,816	2,672,368	2,665,121	2,891,655
Water Solid Waste	3,444,008 3,771,280	3,187,661 3,738,315	3,376,027 2,904,608	3,065,944 2,526,818	3,702,149 2,513,195	3,337,136 2,448,477	3,579,496 2,617,061	3,833,555 2,769,141	4,286,064 3,030,814	4,550,875 3,425,199
Operating grants and contributions	183,063	190,072	200,659	136.036	253.462	116.903	109.770	87,823	77.281	67.918
Capital grants and contributions	100,000	130,072	-	39,423	21,461	17,841	61,918	95,876	297,160	235,507
Total business-type activities program revenues	7,398,351	9,996,210	8,951,527	8,176,504	9,032,103	8,396,125	8,913,061	9,458,763	10,356,440	11,171,154
Total primary government program revenues	38,971,469	\$ 42,493,685 \$	41,316,867 \$	42,628,304 \$	43,976,298 \$	45,007,349 \$	62,744,753 \$	82,352,643 \$	48,371,684 \$	51,364,468
Net (Expense)/Revenue										
Governmental activities	(50,556,804) \$	(53,804,307) \$	(56,744,734) \$	(54,321,571) \$	(56,998,416) \$	(55,342,848) \$	(42,544,856) \$	(26,904,486) \$	(61,514,220) \$	(65.593.455)
Business-type activities	1,016,083	(398,104)	(1,598,264)	(1,717,144)	(653,946)	(1,167,414)	(1,171,267)	(636,983)	(82,206)	213,558
Total primary government net expense\$	(49,540,721) \$	(54,202,411) \$	(58,342,998) \$	(56,038,715) \$	(57,652,362) \$	(56,510,262) \$	(43,716,123) \$	(27,541,469) \$	(61,596,426) \$	(65,379,897)
General Revenues and other Changes in Net Position										
Governmental activities:										
Real estate, personal property taxes and tax liens,										
net of tax refunds payable\$	38,754,561 \$		44,204,433 \$	46,009,189 \$	47,625,628 \$	49,273,498 \$	50,687,398 \$	55,760,067 \$	57,062,403 \$	60,645,177
Motor vehicle and other excise taxes	3,158,003	3,285,913	3,077,468	3,035,945	3,035,952	3,098,572	3,383,172	3,436,419	3,605,718	4,634,720
Community preservation tax	871,114	970,338	945,317	986,430	1,019,934	1,055,074	1,088,776	1,195,479	1,244,991	1,321,967
Penalties and interest on taxes	258,823	295,273	336,323 834,229	337,685	306,690	347,002	365,170	339,978	420,779	287,375
Grants and contributions not restricted to	-	-	034,229	-	-	-	-	-	-	-
specific programs	5,793,710	3,131,096	2,870,178	2,370,183	2,075,272	1,938,122	2,202,627	2,231,660	2,335,068	2,528,692
Unrestricted investment income	1,474,859	820,875	364,352	208,415	115,259	91,398	97,302	97,802	100,625	90,134
Miscellaneous	353,523	227,849	215,185	326,138	119,825	147,724	37,112	84,992	73,562	51,348
Transfers			(21,769)		<del></del>	<del></del>	125,000	<del></del> -	197,950	(1,685,646)
Total governmental activities	50,664,593	51,461,930	52,825,716	53,273,985	54,298,560	55,951,390	57,986,557	63,146,397	65,041,096	67,873,767
Business-type activities:										
Court settlements	-	-	480,000	-	-	-	-	-	-	-
Unrestricted investment income	-	577,329	503,273	148,514	104,755	76,560	62,671	58,144	54,233	217,847
Transfers			21,769				(125,000)		(197,950)	1,685,646
Total business-type activities		577,329	1,005,042	148,514	104,755	76,560	(62,329)	58,144	(143,717)	1,903,493
Total primary government\$	50,664,593	52,039,259 \$	53,830,758 \$	53,422,499 \$	54,403,315 \$	56,027,950 \$	57,924,228 \$	63,204,541 \$	64,897,379 \$	69,777,260
Changes in Not Resistan										
Changes in Net Position Governmental activities	107,789 \$	(2,342,377) \$	(3,919,018) \$	(1,047,586) \$	(2,699,856) \$	608,542 \$	15,441,701 \$	36,241,911 \$	3,526,876 \$	2,280,312
Business-type activities	1.016.083	179,225	(593,222)	(1,568,630)	(2,699,856) \$ (549,191)	(1,090,854)	(1,233,596)	(578,839)	(225,923)	2,280,312
Total primary government\$	1,123,872	(2,163,152) \$	(4,512,240) \$	(2,616,216) \$	(3,249,047)	(482,312) \$	14,208,105 \$	35,663,072 \$	3,300,953 \$	4,397,363

Note: For the year 2007 the Town's Sewer Enterprise Fund was reported as a Special Revenue Fund and was included as part of the Governmental Activities.

#### **Fund Balances, Governmental Funds**

#### **Last Ten Years**

-	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
General Fund										
Reserved\$	1,102,746 \$	622,584 \$	393,885 \$	663,244 \$	- \$	- \$	- \$	- \$	- \$	_
Unreserved	3,685,942	4,658,860	4,385,596	3,688,741	- ψ	- ψ	- ψ	- ψ	- Ψ	_
Restricted	-	-	-	-	_	-	3,279,293	2,811,178	4,009,469	1,972,217
Assigned	-	_	_	_	307,888	281,950	163,687	182,589	70,324	71,327
Unassigned	-	-	-	-	4,716,619	5,109,444	4,614,690	4,545,281	5,374,592	4,407,290
-										
Total general fund\$	4,788,688 \$	5,281,444 \$	4,779,481 \$	4,351,985 \$	5,024,507 \$	5,391,394 \$	8,057,670 \$	7,539,048 \$	9,454,385 \$	6,450,834
All Other Governmental Funds										
Reserved\$	1,848,727 \$	377,466 \$	463,731 \$	497,723 \$	- \$	- \$	- \$	- \$	- \$	-
Unreserved, reported in:										
Special revenue funds	11,891,488	10,139,920	10,004,469	7,856,675	-	-	-	-	-	-
Capital projects funds	864,234	(922,300)	1,285,269	(398,021)	-	-	-	-	-	-
Permanent funds	1,193,345	888,128	866,241	872,684	-	-	-	-	-	-
Nonspendable	-	-	-	-	1,043,270	1,096,182	1,150,207	1,220,989	1,242,967	1,258,385
Restricted	-	-	-	-	6,264,680	10,795,737	10,654,986	11,537,607	7,993,550	9,065,799
Committed	-	-	-	-	30,290	40,587	63,209	84,604	159,776	180,177
Unassigned	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	(2,854,861)	(1,408,944)	(1,177,999)	(9,331,639)	(2,375,201)
Total all other governmental funds\$	15,797,794 \$	10,483,214 \$	12,619,710 \$	8,829,061 \$	7,338,240 \$	9,077,645	10,459,458 \$	11,665,201 \$	64,654 \$	8,129,160

For the year 2007 the Town's Sewer Enterprise Fund was reported as a Special Revenue Fund and was included as part of the Governmental Funds.

The Town implemented GASB 54 in 2011, fund balances prior to 2011 have been reported in the pre-GASB 54 format.

#### Changes in Fund Balances, Governmental Funds

#### Last Ten Years

<u>-</u>	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Revenues:										
Real estate, personal property taxes and tax liens,										
net of tax refunds\$	38.256.831 \$	42.893.443 \$	43,896,810 \$	46.231.120 \$	47,255,875 \$	49.251.843 \$	50.519.928 \$	54,938,928 \$	57.119.299 \$	59.326.154
Motor vehicle and other excise taxes	3,201,171	3,273,198	3,136,448	2,996,478	2,963,732	3,134,838	3,241,603	3,465,032	3,696,490	4,183,427
Penalties and interest on taxes	258,823	295,273	336,323	337,685	306,690	347,002	365,170	339,978	420,779	287,375
Charges for services	5.578.452	823,808	896.372	987.974	1,032,776	1,048,550	1.028.991	1.094.268	1,020,505	1.187.793
Court settlements	3,370,432	023,000	834,229	301,314	1,032,770	1,040,550	1,020,991	1,034,200	1,020,303	1,107,793
Intergovernmental	31,264,380	32,768,863	31,388,745	32,374,981	32,526,944	33,827,922	51,339,663	70,836,092	35,657,490	37,175,979
Departmental and other	1,699,661	3,441,177	4,031,497	4,014,469	3,450,322	3,691,831	3,590,240	3,559,685	4,733,977	4,780,456
Community preservation taxes	871,114	943,616	948.528	994,940	1,017,700	1,060,170	1,088,591	1,163,170	1,247,438	1,322,637
Contributions	071,114	471,577	433,519	474,687	244,974	238,977	382,749	333,939	374,963	499,223
Investment income	1,417,437	820,875	364,352	208,415	115,259	91,398	97,302	97,802	100,625	90,134
investment income	1,417,437	020,073	304,332	200,413	113,233	31,330	91,302	91,002	100,023	30,134
Total Revenue	82,547,869	85,731,830	86,266,823	88,620,749	88,914,272	92,692,531	111,654,237	135,828,894	104,371,566	108,853,178
Expenditures:										
General government	11,181,605	3,685,500	2,589,184	2,609,472	2,487,410	2,322,835	3,577,490	3,126,640	3,929,987	5,670,487
Public safety	7,760,428	8,172,255	9,035,006	8,644,135	9,082,725	8,679,772	9,587,168	9.954.302	10,574,177	10.565.713
Education.	46,470,674	50,762,547	50,303,198	49,860,090	53,138,359	55,787,658	57,022,941	58,064,519 (1)	54,041,317	53,148,961
Public works	5,811,645	1,893,018	2,778,556	4,015,920	5,012,258	3,007,215	2,474,937	2,093,027	3.766.645	2,511,755
Human and human services	741,516	877,038	657,156	419,019	506,933	383,654	481,056	1,053,258	1,112,263	1,064,789
Culture and recreation.	1,698,038	1,218,016	1,080,131	766,502	755,207	753,628	888,466	1,160,706	1,216,994	1,290,301
Pension benefits	n/a	3.059.026	3.193.116	3.298.846	3.768.238	3.736.165	4.285.250	4.458.347	4.754.898	5.135.671
Property and liability insurance	n/a	916,566	763,597	642,704	565,489	579,991	677,091	658,703	794,616	818.546
Employee benefits	n/a	5,088,361	5,256,480	5,542,176	5.973.191	6,386,222	5,611,488	6,304,113	6,242,353	6,337,382
Community preservation.	n/a	176,948	2,319,107	3,271,886	1,011,397	470,208	1,230,198	153,016	217,358	1,999,610
State and county charges	682.912	643,063	593,075	605,335	671.652	664,596	735.255	819,016	853.696	746.141
Capital outlay	4,464,480	4,616,185	5,237,093	9,221,535	7,410,609	9,518,420	52,009,404	66.160.999	21,450,937	11,075,339
Debt service:	1,101,100	4,010,100	0,201,000	0,221,000	7,410,000	0,010,120	02,000,101	00,100,000	21,100,001	11,070,000
Principal	3.852.445	3,856,058	3,756,463	4,083,194	3,935,896	3,900,384	3.979.614	5,738,789	5,508,444	6,900,734
Interest	1,770,277	1,363,126	1,244,359	969,564	766,207	896,491	837,153	2,502,338	2,589,674	2,930,395
	1,770,277	1,505,120	1,244,555	303,304	700,207	030,431	007,100	2,502,550	2,303,074	2,550,555
Total Expenditures	84,434,020	86,327,707	88,806,521	93,950,378	95,085,571	97,087,239	143,397,511	162,247,773	117,053,359	110,195,824
Excess of revenues over (under) expenditures	(1,886,151)	(595,877)	(2,539,698)	(5,329,629)	(6,171,299)	(4,394,708)	(31,743,274)	(26,418,879)	(12,681,793)	(1,342,646)
_		(	( ///	(=/= =/= =/	(2) , 22/	( / //	(-, -, ,			( /- //
Other Financing Sources (Uses):										
Issuance of long-term debt	2,849,000	-	4,196,000	965,000	5,353,000	6,501,000	32,090,000	27,106,000	274,000	7,852,500
Premium from issuance of bonds	57,424	-	-	-	-	-	3,576,363	-	2,524,633	236,747
Issuance of refunding bonds	-	-	-	12,728,840	-	-	-	-	-	-
Premium from issuance of refunding bonds	-	-	-	1,268,616	-	-	-	-	-	-
Payment to refunded bond escrow agent	-	-	-	(13,850,972)	-	-	-	-	-	-
Transfers in	3,014,784	1,348,253	1,046,203	1,704,316	465,650	1,138,594	2,108,257	1,150,268	498,357	3,405,931
Transfers out	(3,014,784)	(1,348,253)	(1,067,972)	(1,704,316)	(465,650)	(1,138,594)	(1,983,257)	(1,150,268)	(300,407)	(5,091,577)
Total other financing sources (uses)	2,906,424	<u> </u>	4,174,231	1,111,484	5,353,000	6,501,000	35,791,363	27,106,000	2,996,583	6,403,601
Net change in fund balance\$	1,020,273 \$	(595,877) \$	1,634,533 \$	(4,218,145) \$	(818,299) \$	2,106,292 \$	4,048,089 \$	687,121 \$	(9,685,210) \$	5,060,955
The change in faile balance	1,020,210 ψ	(555,611)	1,007,000 φ	(-7,210,140) ψ	(010,200) ψ	Σ,100,202 ψ	-τ,0-το,οοσ ψ		(3,003,210) φ	3,000,000
Debt service as a percentage of noncapital expenditures	7.03%	6.39%	5.98%	5.96%	5.36%	5.48%	5.27%	8.58%	8.47%	9.92%

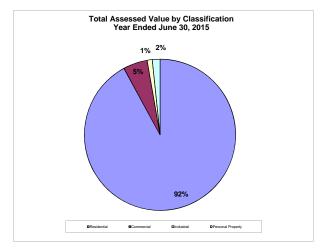
n/a - Information is not available

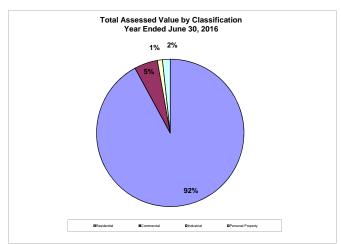
<sup>(1)</sup> Educational expenditures and intergovernmental revenue decreased by approximately \$5.5 million in 2015 relating to a change in the way the Commonwealth of Massachusetts reported on-behalf payments for teacher's retirement benefits. For the year 2007 the Town's Sewer Enterprise Fund was reported as a Special Revenue Fund and was included as part of the Governmental Funds.

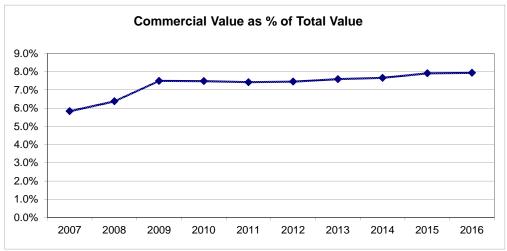
#### Assessed Value and Actual Value of Taxable Property by Classification and Tax Rates

#### Last Ten Years

		Assessed and Actual Values and Tax Rates												
Year		Residential Value	Residential Tax Rate	Commercial Value	Industrial Value	Personal Property	Total Commercial Value	Commercial Tax Rate	Commercial % of Total Value	Total Direct Rate	Total Town Value			
2007		\$4,507,128,337	\$8.14	\$205,483,115	\$36,562,100	\$36,960,539	\$279,005,754	\$8.14	5.8%	\$ 8.14	\$4,786,134,091			
2008	(1)	\$4,586,786,110	\$8.72	\$223,328,575	\$43,622,000	\$45,423,853	\$312,374,428	\$8.72	6.4%	\$ 8.72	\$4,899,160,538			
2009		\$4,099,485,652	\$9.99	\$227,507,906	\$42,942,900	\$61,765,017	\$332,215,823	\$9.99	7.5%	\$ 9.99	\$4,431,701,475			
2010		\$3,967,268,613	\$10.75	\$215,560,402	\$41,011,300	\$64,264,470	\$320,836,172	\$10.75	7.5%	\$ 10.75	\$4,288,104,785			
2011	(1)	\$3,916,336,332	\$11.29	\$201,661,048	\$41,142,600	\$71,346,760	\$314,150,408	\$11.29	7.4%	\$ 11.29	\$4,230,486,740			
2012		\$3,892,976,366	\$11.76	\$203,681,840	\$40,844,500	\$69,032,560	\$313,558,900	\$11.76	7.5%	\$ 11.76	\$4,206,535,266			
2013		\$3,866,211,027	\$12.21	\$206,162,921	\$40,878,000	\$70,559,500	\$317,600,421	\$12.21	7.6%	\$ 12.21	\$4,183,811,448			
2014	(1)	\$3,861,371,126	\$13.29	\$205,393,300	\$44,716,614	\$70,326,699	\$320,436,613	\$13.29	7.7%	\$ 13.29	\$4,181,807,739			
2015		\$3,977,151,911	\$13.29	\$223,566,744	\$47,060,900	\$71,090,968	\$341,718,612	\$13.29	7.9%	\$ 13.29	\$4,318,870,523			
2016		\$4,031,604,809	\$13.88	\$224,476,879	\$48,437,200	\$74,746,291	\$347,660,370	\$13.88	7.9%	\$ 13.88	\$4,379,265,179			







<sup>(1)</sup> Revaluation year.

Source: Assessor's Department, Town of Marshfield and Official Statements.

All property in the Commonwealth of Massachusetts is assessed at 100% of fair cash value.

Note: Chapter 59, Section 21C of the Massachusetts General Laws, known as "Proposition 2 1/2", imposes 2 separate limits on the annual tax levy of the Town. The primary limitation is that the tax levy cannot exceed 2 1/2 percent of the full and fair cash value. The secondary limitation is that the tax levy cannot exceed the maximum levy limit for the preceding year as determined by the State Commissioner of Revenue by more than 2 1/2 percent, subject to an exception for property added to the tax rolls and for certain substantial valuation increases other than as part of a general revaluation. The secondary limit may be exceeded in any year by a majority vote of the voters, however it cannot exceed the primary limitation.

## **Principal Taxpayers**

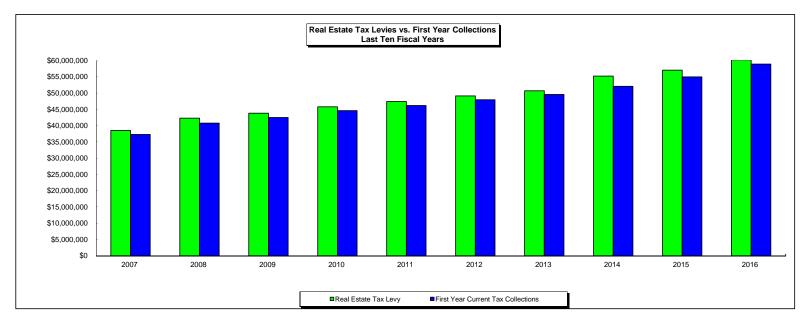
### **Current Year and Nine Years Ago**

			2016		2007			
Name	Nature of Business	Assessed Valuation	Rank	Percentage of Total Taxable Assessed Value		Assessed Valuation	Rank	Percentage of Total Taxable Assessed Value
Shi Marshfield LLC (formerly WW LLC)	Assisted Living	\$ 44,256,500	1	1.01%	\$	-		-
Home Properties of Marshfield, LLP	Apartment Complex	24,738,300	2	0.56%		28,942,700	1	0.60%
NSTAR	Utility	23,929,890	3	0.55%		-		-
Bixmore Webster Square	Shopping Plaza	18,848,300	4	0.43%		-		-
Columbia Gas of MA	Utility	15,677,800	5	0.36%		-		-
Verizon	Utility	15,550,600	6	0.36%		7,548,500	7	0.16%
Beacon Shore LTD	Apartment Complex over 55	13,547,800	7	0.31%		-		-
OMDB Realty, LLC	Shopping Plaza	9,089,100	8	0.21%		9,767,100	4	0.19%
Mariners Hill Limited	Apartments and Over 55	7,752,900	9	0.18%		8,879,000	6	0.19%
VRT	Commercial Property	7,400,300	10	0.17%		6,196,200	9	0.13%
Curlto, LLC	Shopping Plaza	-		-		13,677,700	2	0.29%
Proprietors Woods LLC	Single Family Residence	-		-		11,054,000	3	0.23%
Commonwealth Electric	Utility	-		-		9,178,351	5	0.19%
Bay State Gas	Utility	-		-		6,597,890	8	0.14%
Marina Harbor II Corp	Marina	 -			-	5,347,700	10	0.11%
Source: Official Statements, Town of Mars	<b>Totals</b> hfield	\$ 180,791,490		4.14%	\$	107,189,141	:	2.23%

#### **Property Tax Levies and Collections**

**Last Ten Years** 

Year	Total Tax Levy	Less Abatements & Exemptions	Net Tax Levy	Net as Percent of Total	First Year Current Tax Collections	Percent of Net Levy Collected	Delinquent Tax Collections	Total Tax Collections	Percent of Total Tax Collections to Net Tax Levy
2007	\$38,959,132	\$477,450	\$38,481,682	98.77%	\$37,286,024	96.89%	\$411,763	\$37,697,787	97.96%
2008	\$42,720,680	\$421,121	\$42,299,559	99.01%	\$40,756,510	96.35%	\$911,599	\$41,668,109	98.51%
2009	\$44,339,965	\$501,293	\$43,838,672	98.87%	\$42,508,902	96.97%	\$854,586	\$43,363,488	98.92%
2010	\$46,097,126	\$317,162	\$45,779,964	99.31%	\$44,593,567	97.41%	\$835,398	\$45,428,965	99.23%
2011	\$47,762,195	\$364,736	\$47,397,459	99.24%	\$46,172,819	97.42%	\$797,326	\$46,970,145	99.10%
2012	\$49,475,863	\$347,777	\$49,128,086	99.30%	\$47,948,166	97.60%	\$807,255	\$48,755,421	99.24%
2013	\$51,084,810	\$371,796	\$50,713,014	99.27%	\$49,546,242	97.70%	\$895,754	\$50,441,996	99.47%
2014	\$55,576,225	\$361,748	\$55,214,477	99.35%	\$52,080,161	94.32%	\$1,526,995	\$53,607,156	97.09%
2015	\$57,397,789	\$337,927	\$57,059,862	99.41%	\$54,994,597	96.38%	\$623,689	\$55,618,286	97.47%
2016	\$60,784,201	\$564,819	\$60,219,382	99.07%	\$58,894,554	97.80%	\$0	\$58,894,554	97.80%



Source: Assessor's Department and Official Statements, Town of Marshfield

#### Ratios of Outstanding Debt and General Bonded Debt

**Last Ten Years** 

			-		Government	al Activities	
Year	U. S. Census Population	Personal Income	Assessed Value	General Obligation Bonds	Per Capita	Percentage of Personal Income	Percentage of Assessed Value
2007	24,576	\$961,988,000	\$4,786,134,091	\$38,197,130	\$1,554	3.97%	0.80%
2008	24,735	\$946,327,000	\$4,899,160,538	\$27,906,194	\$1,128	2.95%	0.57%
2009	24,947	\$882,087,000	\$4,431,701,475	\$28,345,731	\$1,136	3.21%	0.64%
2010	25,184	\$958,798,000	\$4,288,104,785	\$25,141,377	\$998	2.62%	0.59%
2011	25,185	\$1,020,714,000	\$4,230,486,740	\$26,558,481	\$1,055	2.60%	0.63%
2012	25,132	\$1,054,397,562	\$4,206,535,266	\$29,159,097	\$1,160	2.77%	0.69%
2013	24,378	\$1,094,464,669	\$4,183,811,448	\$60,845,846	\$2,496	5.56%	1.45%
2014	25,436	\$1,136,054,327	\$4,181,807,739	\$81,706,740	\$3,212	7.19%	1.95%
2015	25,509	\$1,179,224,391	\$4,318,870,523	\$78,668,570	\$3,084	6.67%	1.82%
2016	25,436	\$1,224,034,918	\$4,379,265,179	\$79,007,659	\$3,106	6.45%	1.80%
	Business-Type					]	
	Activities		Total Primary Gov	vernment			
	General Obligation	Total Debt	Do.	Percentage	Percentage		
Year	Bonds	Outstanding	Per Capita	of Personal Income	of Assessed Value		
<b>Year</b> 2007							
	Bonds	Outstanding	Capita	Income	Value		
2007	<b>Bonds</b> \$2,701,000	Outstanding \$40,898,130	<b>Capita</b> \$1,664	Income 4.25%	<b>Value</b> 0.85%		
2007 2008	\$2,701,000 \$8,199,291	Outstanding \$40,898,130 \$36,105,485	\$1,664 \$1,460	4.25% 3.82%	0.85% 0.74%		
2007 2008 2009	\$2,701,000 \$8,199,291 \$9,797,097	\$40,898,130 \$36,105,485 \$38,142,828	\$1,664 \$1,460 \$1,529	4.25% 3.82% 4.32%	0.85% 0.74% 0.86%		
2007 2008 2009 2010	\$2,701,000 \$8,199,291 \$9,797,097 \$8,872,554	\$40,898,130 \$36,105,485 \$38,142,828 \$34,013,931	\$1,664 \$1,460 \$1,529 \$1,351	4.25% 3.82% 4.32% 3.55%	0.85% 0.74% 0.86% 0.79%		
2007 2008 2009 2010 2011	\$2,701,000 \$8,199,291 \$9,797,097 \$8,872,554 \$11,929,472	\$40,898,130 \$36,105,485 \$38,142,828 \$34,013,931 \$38,487,953	\$1,664 \$1,460 \$1,529 \$1,351 \$1,528	4.25% 3.82% 4.32% 3.55% 3.77%	0.85% 0.74% 0.86% 0.79% 0.91%		
2007 2008 2009 2010 2011 2012	\$2,701,000 \$8,199,291 \$9,797,097 \$8,872,554 \$11,929,472 \$12,556,963	\$40,898,130 \$36,105,485 \$38,142,828 \$34,013,931 \$38,487,953 \$41,716,060	\$1,664 \$1,460 \$1,529 \$1,351 \$1,528 \$1,660	4.25% 3.82% 4.32% 3.55% 3.77% 3.96%	0.85% 0.74% 0.86% 0.79% 0.91% 0.99%		
2007 2008 2009 2010 2011 2012 2013	\$2,701,000 \$8,199,291 \$9,797,097 \$8,872,554 \$11,929,472 \$12,556,963 \$18,405,068	\$40,898,130 \$36,105,485 \$38,142,828 \$34,013,931 \$38,487,953 \$41,716,060 \$79,250,914	\$1,664 \$1,460 \$1,529 \$1,351 \$1,528 \$1,660 \$3,251	4.25% 3.82% 4.32% 3.55% 3.77% 3.96% 7.24%	0.85% 0.74% 0.86% 0.79% 0.91% 0.99% 1.89%		

Source: Audited Financial Statements, U. S. Census

Note: For the year 2007 the Town's Sewer Enterprise Fund was reported as a Special Revenue Fund and was included as part of the Governmental Funds.

#### **Direct and Overlapping Governmental Activities Debt**

#### As of June 30, 2016

Town of Marshfield, Massachusetts	Debt Outstanding	Estimated Percentage Applicable (1	<u>)                                    </u>	Estimated Share of Overlapping Debt
Debt repaid with property taxes:  Plymouth County\$	2,200,000	6.48%	\$	142,560
Town direct debt	79,007,659		_	<u> </u>
Total direct and overlapping debt\$	81,207,659		\$	142,560

Note: Overlapping governments are those that coincide, at least in part, with geographic boundaries of the Town. This schedule estimates the portion of the outstanding debt of those overlapping governments that is borne by the taxpayers of the Town. This process recognizes that, when considering the government's ability to issue and repay long-term debt, the entire debt burden borne by the property taxpayers should be taken into account. However, this does not imply that every taxpayer is a resident, and therefore responsible for repaying the debt, of each overlapping government.

Source: Plymouth County Treasurer

(1) County expenses, including debt service, are assessed upon the Towns within the County in proportion to their taxable valuation.

#### Computation of Legal Debt Margin

#### Last Ten Years

<u>_</u>	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Equalized Valuation\$	4,787,007,000 \$	5,158,780,200 \$	5,158,780,200 \$	4,678,944,800 \$	4,678,944,800 \$	4,524,078,200 \$	4,524,078,200 \$	4,527,020,700 \$	4,400,432,600 \$	4,400,432,600
Debt Limit - 5% of Equalized Valuation\$	239,350,350 \$	257,939,010 \$	257,939,010 \$	233,947,240 \$	233,947,240 \$	226,203,910 \$	226,203,910 \$	226,351,035 \$	220,021,630 \$	220,021,630
Less:										
Outstanding debt applicable to limit	31,762,252 6,393,420	27,906,194 11,294,000	28,345,731 6,042,000	25,141,377 7,383,000	26,558,481 15,331,000	29,159,097 119,925,839	60,845,846 93,547,603	81,706,740 67,674,273	78,668,570 57,694,273	79,007,659 57,233,773
Legal debt margin\$	201,194,678 \$	218,738,816 \$	223,551,279 \$	201,422,863 \$	192,057,759 \$	77,118,974 \$	71,810,461_\$	76,970,022 \$	83,658,787 \$	83,780,198
Total debt applicable to the limit as a percentage of the limit	15.94%	15.20%	13.33%	13.90%	17.91%	65.91%	68.25%	66.00%	61.98%	61.92%

Source: Treasurer's Department, Town of Marshfield

## **Demographic and Economic Statistics**

## **Last Ten Years**

Year	Population Estimates	Personal Income	Per Capita Personal Income	Median Age	School Enrollment	Unemployment Rate
2007	24,576	\$ 961,988,000	\$ 39,143	37	4,730	4.60%
2008	24,735	\$ 946,327,000	\$ 38,259	37	4,739	6.20%
2009	24,947	\$ 882,087,000	\$ 35,358	37	4,742	7.70%
2010	25,184	\$ 958,798,000	\$ 35,936	37	4,738	7.20%
2011	25,185	\$ 1,020,714,000	\$ 40,529	37	4,744	6.40%
2012	25,132	\$ 1,054,397,562	\$ 41,954	40	4,577	6.80%
2013	24,378	\$ 1,094,464,669	\$ 44,896	43	4,523	6.30%
2014	25,436	\$ 1,075,154,284	\$ 42,269	42	4,422	6.30%
2015	25,509	\$ 1,104,310,119	\$ 43,291	44	4,772	6.30%
2016	25,430	\$ 1,060,863,310	\$ 41,717	43	4,332	4.20%

Source: U. S. Census, Division of Local Services Median age is based on most recent census data

#### **Principal Employers**

#### **Current Year and Nine Years Ago**

			2016			2007	)7		
Employer	Nature of Business	Employees	Rank	Percentage of Total Town Employment	Employees	Rank	Percentage of Total Town Employment		
Town of Marshfield	Municipal Government	1,039	1	7.81%	907	1	6.82%		
Road to Responsibility	Retail & Service	472	2	3.55%	450	2	3.38%		
Roche Brothers	Supermarket	286	3	2.15%	275	3	2.07%		
Star Market	Supermarket	163	4	1.22%	175	4	1.31%		
Winslow Woods	Assisted Living Facility	106	5	0.80%					
Marshfield Country Club	Golf Course	96	6	0.72%	83	5	0.62%		
Kirwin Surgical Products LLC	Manufacturer	93	7	0.70%	80	6	0.60%		
Cask and Flagon	Restaurant	80	8	0.60%					
Marshfield Tavern	Restaurant	76	9	0.57%					
Fairview Inn	Restaurant & Inn	70	10	0.53%	70	9	0.53%		
cvs	Retail				84	7	0.63%		
Jaime's Grille	Restaurant				75	8	0.56%		
Marshall's	Retail				50	10	0.38%		
		2,481		18.64%	2,249		16.90%		

Source: Town records and various Town departments.

## Full-time Equivalent Town Employees by Function

## **Last Ten Years**

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Function										
General government	40	41	39	38	38	37	37	29	29	29
Police	48	48	45	45	45	44	46	44	44	45
Fire	52	55	55	52	51	53	53	54	54	51
Education	639	628	643	640	628	681	660	731	731	793
Water	20	21	19	19	19	19	18	23	23	28
Sewer	13	14	12	13	13	13	13	15	15	21
Solid waste	7	7	7	7	7	5	6	7	7	10
Public works	40	40	36	34	34	41	41	38	38	45
Human services	18	19	17	17	17	15	15	8	8	9
Culture and recreation	30_	30_	29	28_	28	28_	28_	6	6	8_
Total	907	903	902	893	880	936	917	955	955	1,039

Source: Town personnel records and various Town departments.

# Operating Indicators by Function/Program Last Ten Years

•										
Function/Program	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
General Government										
Population	24,576	24,735	24,947	25,184	25,185	25,132	24,378	24,182	25,509	25,436
Registered voters, annual town election	15,367	16,531	17.713	17,867	17,966	18,234	18.544	18,241	18,234	19.636
Town Clerk	-,	-,	,	,	,	-, -	- / -	-,	-, -	-,
Births	286	255	220	229	216	207	188	184	196	180
Marriages	109	98	103	75	114	69	87	92	120	232
Deaths	167	174	186	166	214	209	191	177	180	90
Police										
Accidents covered by an officer	503	515	380	331	377	859	407	389	423	449
Citations issued	1,205	513	1,206	1,140	854	1,338	980	1,166	1,022	823
Arrests	753	660	790	826	494	413	360	706	685	449
Larcenies	208	104	300	547	354	420	378	52	43	194
Fire										
Rescue assist	360	387	414	332	340	354	15	346	317	707
False alarm	40	32	433	201	229	18	4	7	5	474
Public assist	198	240	407	472	604	239	201	406	280	286
Emergency responses/ambulance	1,951	1,974	2,025	2,072	2,230	2,346	2,416	2,352	2,384	2,714
Building Department										
Residential building permits issued	731	716	858	844	707	708	687	730	N/A	991
Non-Residential building permits issued	33	36	23	48	49	59	69	72	N/A	50
Education										
Public school enrollment	4,730	4,739	4,742	4,750	4,713	4,575	4,523	4,422	4,772	4,332
Public Works										
Cemetery										
Lots sold	62	106	61	84	67	64	76	76	58	61
Interments	103	78	72	89	89	62	109	98	87	67
Water										
Service connections	9,826	9,894	9,907	9,912	10,690	10,740	10,807	9,959	10,402	10,026
Consumption in billions of gallons	1,026	1,027	1,069	834	854	764	763	857	872	965
Daily consumption in millions of gallons	2.8	2.8	2.8	2.3	2.3	2.1	2.1	2.3	2.4	2.6
Sewer										
Service connections	4,470	4,479	4,502	4,650	4,222	4,247	4,285	4,403	N/A	4,403
Daily average collection (MGD)	1.22	1.41	1.43	1.59	0.66	0.61	0.54	1.24	N/A	1,018
Highway										
Miles of public road	170	170	170	170	170	171	171	170	170	170
Human Services										
Board of Health										
Permits issued	742	669	688	663	696	721	755	730	N/A	734
Variances	44	26	24	21	24	32	29	24	N/A	23
Council on Aging										
Home delivered meals	14,995	13,921	13,189	11,375	12,447	10,665	12,272	14,136	13,275	13,771
Transportation	10,604	11,325	11,646	11,807	11,442	10,937	11,965	10,771	11,932	11.863
Volunteer service hours	23,159	23,441	20,417	30,061	30,242	33,337	34,329	34,542	33,982	36,010
Fitness/exercise program participants	5,271	5,166	6,333	7,074	6,696	7,355	7,812	10,394	9,432	9,538
Recreation/social event participants	13,810	14,191	14,404	15,355	14,651	15,320	27,107	30,106	28,390	34,093
Libraries	•	•	•	•	•		•	•	•	
Volumes in collection	76,334	76,202	75,602	80,466	70,166	70,689	71,372	93,372	N/A	98,239
Circulation	268,000	273,951	244,362	280,621	260,155	260,155	197,639	211,679	207,727	208,824
Program attendance	5,919	6,023	5,726	5,829	8,761	5,379	7,002	7,396	7,140	6,491
-	-			•			-			

Source: Various Town Departments

N/A - This information was not available for 2015.

#### **Capital Asset Statistics by Function/Program**

#### **Last Ten Years**

Function/Program	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Airport	1	1	1	1	1	1	1	1	1	1
General Government										
Number of buildings	2	2	3	3	3	3	3	3	3	1
Police										
Number of stations	1	1	1	1	1	1	1	1	1	1
Fire										
Number of stations	3	3	3	3	3	3	3	3	3	3
Number of vehicles	15	15	15	16	16	14		14	14	14
Education										
Number of elementary schools	5	5	5	5	5	5	5	5	5	5
Number of middle schools	1	1	1	1	1	1	1	1	1	1
Number of high schools	1	1	1	1	1	1	1	1	1	1
Public Works										
Water mains (miles)	200	200	200	201	201	201	202	201	201	201
Fire hydrants	1,383	1,388	1,390	1,398	1,399	1,399	1,401	1,399	1,399	1,399
Sanitary sewers (miles)	41	41	41	41	41	41	41	41	41	41
Number of wells	16	17	17	17	17	17	17	17	17	17
Number of water storage tanks	3	4	4	4	4	4	4	4	4	4
Number of pump stations	15	16	16	16	16	17	15	16	16	16
Human Services										
Senior center	1	1	1	1	1	1	1	1	1	1
Culture and Recreation										
Recreation building	-	1	1	1	1	1	1	1	1	1
Library	1	1	1	1	1	1	1	1	1	1

Source: Various Town Departments