



# **ANNUAL BUDGET**

## **Capital Improvement Plan**

**FISCAL YEAR**

**July 1, 2016- June 30, 2017**

# **INTRODUCTION**

The Five Year Capital Plan is a comprehensive list of major public improvement projects which are proposed for the Town and the Board of Education for the next five years. The first part of the plan is a summary of all proposed and approved projects. Immediately following this summary is a project detail sheet for each project listed which contains a brief description of the project, an estimate of cost, a method of financing, and the future a schedule of implementation.

Included is a presentation detailing the impact of bond costs on the mill rate as it relates to proposed and approved projects. The presentation gives the impact of actual outstanding debt less grant reimbursements, the estimated impact of authorized but unissued debt for approved projects, and the estimated impact of debt for projects included in this capital plan. A grant summary of the total estimated impact on the mill rate of all outstanding, authorized, and proposed debt is presented at the end.

The Capital Improvement Plan provides an effective means of preserving as well as adding to the physical assets of the Town. This type of plan is especially vital for a growing community like Plainville. Maintenance of the level of public safety and welfare of its citizens depends upon the continued improvement and expansion of the Town's physical and capital plan.

## **CAPITAL IMPROVEMENT/EXPENSE DESCRIPTION**

A capital improvement is a major, nonrecurring addition, or improvement, to the physical infrastructure, land, buildings and equipment of the Town. It does not include ordinary recurring repairs or maintenance. Examples of capital improvements would be new or remodeled public buildings, new or improved streets, storm drains and culverts, sewer improvements, parks, land acquisition, and engineering plans.

A capital expenditure with an aggregate cost of more than \$50,000 or a project life greater than a year is budgeted in the Capital Budget.

Non-recurring capital improvement projects for the fiscal year and their future impact on the operating budget are described in this section. Additionally, all recurring capital improvements are listed.

## **PROCESS**

Annually, in October, each department, office, or agency submits to the Town Manager estimates of the cost of projects that are to be considered for inclusion in the Five Year Capital Improvement Plan. These projects are then included in the annual adoption program in the current year of the five-year Capital Improvement Program. The program has two processes; a planning process and a budgetary process.

Each November the CIP Committee consisting of the Town Manager, Assistant Town Manager, Finance Director, Technical Services Director, and Physical Services Director meets with all departments that have submitted capital improvement requests to the Town Manager. The Committee then prioritizes the implementation of projects, based on community needs. A plan is then put together and transmitted to the Planning and Zoning Commission as required by the Connecticut State Statutes by the end of January. Thereafter, the Town Manager revises the plan to include the budgetary funding recommendations for the next fiscal year and forwards the document to the Town Council for its review as part of the budget process. The Manager shall recommend to the Council those projects to be undertaken during the ensuing fiscal year and the method of financing the same.

## **DUTIES OF THE TOWN MANAGER**

The Manager shall present reasons for all recommendations. The Superintendent of Schools shall have the same duties as the Manager and follow the same form and procedure with respect to the budget of the Board of Education as provided in this Chapter for departmental estimates; (d) as part of the annual budget or as a separate report attached thereto the Manager shall present a program, previously considered and acted upon by the Town Planning and Zoning Commission in accordance with Section 8-24 of the General Statutes, concerning municipal improvements, of proposed capital projects for the ensuing fiscal year and for the four (4) fiscal years thereafter. Estimates of the cost of such projects shall be submitted by each department, office or agency annually in the form and manner prescribed by the Manager. The Manager shall recommend to the Town Council those projects to be undertaken during the ensuing fiscal year and the method of financing the same.

## **DUTIES OF THE TOWN COUNCIL**

Upon the approval of the Town Meeting the Town Council may levy annually, at the same time as the regular annual taxes for Town expenses are levied, a tax not to exceed two (2) mills to be assessed upon the taxable property in the town for the benefit of a fund to be known as the "Capital

and Non-Recurring Expenditures Fund” to be used solely to pay the cost of capital improvements. The Town Council shall have the power to transfer from time to time to this fund any portion of the general fund cash surplus not otherwise appropriated. With the exception of the Land Acquisition Trust Fund, appropriations for construction or for other permanent improvements, from whatever source derived, shall not lapse until the purpose for which the appropriation was made shall have been accomplished or abandoned, provided that any project shall be deemed to have been abandoned if three (3) fiscal years shall elapse without any expenditure from or encumbrance of the appropriation.

## **FUNDING**

The Town uses the General Fund as the primary funding source for capital projects that are recurring or can be paid in installments, such as with lease purchase arrangements. The General Fund is also used for non-recurring projects when their costs are small enough to be absorbed by the General Fund. Other funds used for capital projects include the Capital Fund, the Debt Management Fund, and occasionally Department funds. The Capital Fund consists of unused capital project funds that have lapsed to the capital fund. The balance is then used in future years to help offset the impact of capital expenditure on the General Fund. The Debt management fund was established to help offset the impact of capital expenditures in future years. Individual Department funds can be utilized for one-time expenditures that do not exceed \$5,000. Grants, donations, and rebates, from the State or other sources, are generally earmarked for specific uses. Whenever possible, the town applies for these funds in order to offset the costs of its projects.

Another way to finance capital improvement projects is through the issuance of debt. Projects, whose costs are expected to be significant, are often funded through the issuance of bonds. The debt service on the bond is generally for 20 years. This allows the cost of the project to be spread over a longer time period, correspond with the life of the project, and reduce the project’s impact on the mill rate.

## LEGAL DEBT LIMITS

Under Connecticut law there are limits to the quantity of debt that can be issued. The law states that municipalities shall not incur indebtedness through the issuance of bonds or notes, which will cause aggregate indebtedness by class to exceed the following:

General Purposes:	2 ¼ times annual receipts from taxation
School Purposes:	4 ½ times annual receipts from taxation
Sewer Purposes:	3 ¾ times annual receipts from taxation
Urban Renewal purposes:	3 ¼ times annual receipts from taxation
Unfunded Pension Deficit Purposes:	3 times receipts from taxation

**In no case, however, shall total indebtedness exceed seven times the base.** “Annual receipts from taxation” (the “base”) are defined as total tax collections (including interest, and late payment of taxes) and state payments for revenue loss under Connecticut General Statutes (CGS) Section 12-129d and 7-528.

## BENEFITS

The benefits of a Capital Improvement Plan are numerous. An annual presentation of a capital plan can serve as a measure of the Town's fiscal awareness as well as the efficiency and progressiveness of the Town's operation. The Capital Improvement Plan is a means of coordinating and centralizing the request of various departments and agencies, thus eliminating wasteful overlap, duplication, and delay. Additionally, the program allows more time for the study of projects and encourages public discussion of proposed undertakings.

Unencumbered appropriations lapse at the end of the fiscal year; however capital project appropriations do not. Capital project appropriations lapse when the budgeted item is acquired, construction is complete or if no expenditure or encumbrance has been made for three (3) consecutive fiscal years

## CONCLUSION

In reviewing the Capital Improvement Plan, it is important to remember that this program is one of the community's most significant physical and financial planning tools. Objectives set forth in this plan and succeeding plans shall significantly influence the standard of facilities and services Plainville provides its citizens in the future. As such, careful analysis and evaluation is necessary if this plan is to serve as a rational planning guideline for the improvement of the community.

Respectfully submitted,



**Robert E. Lee**  
**Town Manager**

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# Five Year Plan

**5 YEAR SUMMARY  
CAPITAL IMPROVEMENT PLAN  
FY 2017 - FY 2021**

**TOTAL CAPITAL BUDGET**

	Approved	Projected				Total
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5 YR
Town General Government	1,592,570	2,020,347	1,496,228	577,900	1,165,900	6,852,945
Board of Education	247,000	664,005	375,000	137,000	1,338,000	2,761,005
<b>TOTAL</b>	<b>1,839,570</b>	<b>2,684,352</b>	<b>1,871,228</b>	<b>714,900</b>	<b>2,503,900</b>	<b>9,613,950</b>

**ESTIMATED FUNDING SOURCES**

	Approved	Projected				Total
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	5 YR
General Fund (GF)	1,100,000	2,684,352	1,871,228	714,900	2,503,900	8,874,380
Capital Fund	147,070	-	-	-	-	147,070
Grants	592,500	-	-	-	-	592,500
<b>TOTAL</b>	<b>1,839,570</b>	<b>2,684,352</b>	<b>1,871,228</b>	<b>714,900</b>	<b>2,503,900</b>	<b>9,613,950</b>



**FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**Finance Departments**

YEAR	TC Approved FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Assessor Revaluation	\$ 150,000	\$ -	\$ -	\$ -	\$ 50,000
Tax/Assessor Software Maintenance	-	16,000	18,000	20,000	22,000
<b>TOTAL</b>	<b>\$ 150,000</b>	<b>\$ 16,000</b>	<b>\$ 18,000</b>	<b>\$ 20,000</b>	<b>\$ 72,000</b>

**Town Clerk Department**

YEAR	TC Approved FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Lower Vault Renovations & Improvements	\$ -	\$ 30,000	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ 30,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Data Processing Department**

YEAR	TC Approved FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Upgrades & Maintenance	\$ 25,000	\$ -	\$ -	\$ -	\$ -
Municipal Fiber Network	75,000	49,500	-	-	-
<b>TOTAL</b>	<b>\$ 100,000</b>	<b>\$ 49,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Economic & Community Development Department**

YEAR	TC Approved FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
10 Year Plan of Conservation and Development	\$ -	\$ 57,000	\$ 19,000	\$ -	\$ -
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ 57,000</b>	<b>\$ 19,000</b>	<b>\$ -</b>	<b>\$ -</b>

**Police Department**

YEAR	TC Approved FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Administrative/Detective Vehicle	\$ -	\$ -	\$ 28,000	\$ -	\$ -
Computer Aided Dispatch & Records	-	15,000	15,000	15,000	15,000
Computer Replacement	-	18,000	18,000	18,000	18,000
Patrol Cruisers Ford Interceptors - 2/3	61,000	56,000	84,000	56,000	84,000
Patrol Cruiser Outfitting - 2/3	20,500	20,500	15,000	10,000	15,000
Police Equipment (Handguns, Tazers, Vests, etc.)	-	-	24,000	-	-
Dispatch Communication Equipment 3 of 5 Year Lease	155,328	155,328	155,328	-	-
Canine Pickup/CAP	-	33,000	-	-	-
Defibrillator in Patrol Cruisers - 2	6,400	6,400	6,400	6,400	6,400
Video Cameras in Patrol Cruisers - 2	14,000	14,000	14,000	14,000	14,000
<b>TOTAL</b>	<b>\$ 257,228</b>	<b>\$ 318,228</b>	<b>\$ 359,728</b>	<b>\$ 119,400</b>	<b>\$ 152,400</b>

**Fire Department**

YEAR	TC Approved FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Class A Apparatus Replacement Engine #1	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ 150,000
Personal Protective Equipment	10,000	20,000	20,000	20,000	20,000
Portable Programmable Radios	-	5,000	5,000	5,000	5,000
Rescue Apparatus 4 of 5 Year Lease	103,418	103,418	-	-	-
SCBA Bottle Replacements	10,000	10,000	10,000	10,000	10,000
Thermal Imaging Camera Replacements	-	13,500	13,500	-	-
Utility 2 Replacement, Outfitted	-	70,000	-	-	-
Diesel Powered Portable Lighting/Generator	8,500	-	-	-	-
Dispatch Communication Equipment 2 of 3 Year Lease	27,924	27,924	-	-	-
Hurst Tool Power Unit Replacement (Jaws of Life)	-	10,500	-	-	-
<b>TOTAL</b>	<b>\$ 159,842</b>	<b>\$ 260,342</b>	<b>\$ 198,500</b>	<b>\$ 185,000</b>	<b>\$ 185,000</b>

**FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**Roadways Department**

YEAR	TC Approved FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
5 Ton Dump Truck with Plow	\$ 62,500	\$ -	\$ -	\$ -	\$ -
38,000GVW 10 Wheel Dump Truck with Plow	-	-	160,000	-	-
Mack Computer Diagnostic Analyzer	5,000	-	-	-	-
Replacement Snow Plows for Mack Truck - 1	-	-	-	8,500	-
JCB Loader/Backhoe	-	115,000	-	-	-
Upgrade Gas & Diesel Pump	-	25,000	-	-	-
Trailer Mounted Leaf Machine	-	-	31,000	-	-
Vac-Con Truck	-	-	365,000	-	-
<b>TOTAL</b>	<b>\$ 67,500</b>	<b>\$ 140,000</b>	<b>\$ 556,000</b>	<b>\$ 8,500</b>	<b>\$ -</b>

**Buildings & Grounds Department**

YEAR	TC Approved FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
4WD Pickup Truck #45	\$ -	\$ 25,000	\$ -	\$ -	\$ -
4WD Pickup with Plow and Utility Body	-	36,500	-	-	36,500
4WD 1 Ton Dump Truck with Plow	-	-	38,000	-	-
4WD 1 Ton Pickup Truck with Plow #48	33,000	-	-	-	-
4WD Pickup Truck	-	-	-	25,000	-
Berner Pool Bath House Roof	-	-	20,000	-	-
Boiler Replacements	-	15,000	-	-	-
Christmas Decoration Upgrade	-	-	-	-	5,000
Firehouse AC Replacement	-	-	30,000	-	-
Library Roof Repairs	-	90,000	-	-	-
Library Window Trim Repair and Paint	10,000	10,000	-	-	-
MSP Diamond Upgrades	-	19,000	-	-	-
Municipal Center Fire Alarm Upgrade	-	40,000	-	-	-
Municipal Center Roof Restoration	-	100,000	-	-	-
Norton Park Canal Dredging	-	10,000	-	-	-
Paderewski Park Activity Building Roof	-	10,000	-	-	-
Police Department AC Design	5,000	-	-	-	-
Recreation Department AC Replacement	-	-	15,000	-	-
Recreation Department Fire Alarm Upgrade	-	-	22,000	-	-
Video Recording in Council Chambers	-	13,973	-	-	-
Wall Monitor in Council Chambers	-	8,515	-	-	-
Audio Recording in Council Chambers	-	8,489	-	-	-
<b>TOTAL</b>	<b>\$ 48,000</b>	<b>\$ 386,477</b>	<b>\$ 125,000</b>	<b>\$ 25,000</b>	<b>\$ 41,500</b>

**Technical Services Department - Bridge Repair**

YEAR	TC Approved FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Shuttle Meadow Road Bridge	\$ -	\$ -	\$ -	\$ -	\$ 500,000
Tomlinson Avenue Bridge	-	200,000	-	-	-
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ 200,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 500,000</b>

**Technical Services Department - Capital Improvements**

YEAR	TC Approved FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Study of Paderewski Park Pond	\$ 10,000	\$ -	\$ -	\$ -	\$ -
Roadway Sign Replacement Program	10,000	15,000	15,000	15,000	15,000
Sidewalk Construction	-	200,000	200,000	200,000	200,000
Installation of Sanitary Sewer at Airport	-	250,000	-	-	-
Replacement of Survey Total Station Equipment	-	30,000	-	-	-
<b>TOTAL</b>	<b>\$ 20,000</b>	<b>\$ 495,000</b>	<b>\$ 215,000</b>	<b>\$ 215,000</b>	<b>\$ 215,000</b>

**FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**Human Services - Senior Center Department**

YEAR	TC Approved FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Senior Center Dial-A-Ride Vehicle Match	\$ -	\$ 5,000	\$ 5,000	\$ 5,000	\$ -
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ 5,000</b>	<b>\$ -</b>

**Civic and Cultural Services - Recreation**

YEAR	TC Approved FY 2017	FY 2018	FY 2019	FY 2020	FY 2018
Park Improvements at Norton/Paderewski Parks	\$ 790,000	\$ -	\$ -	\$ -	\$ -
Replace Basketball Court at Paderewski Park	-	50,000	-	-	-
<b>TOTAL</b>	<b>\$ 790,000</b>	<b>\$ 50,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Civic and Cultural Services - Library**

YEAR	TC Approved FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Firewall for Computer System	\$ -	\$ 12,800	\$ -	\$ -	\$ -
<b>TOTAL</b>	<b>\$ -</b>	<b>\$ 12,800</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL GENERAL GOVERNMENT</b>	<b>\$ 1,592,570</b>	<b>\$ 2,020,347</b>	<b>\$ 1,496,228</b>	<b>\$ 577,900</b>	<b>\$ 1,165,900</b>

**FIVE YEAR CAPITAL IMPROVEMENT PLAN**

**Board of Education**

<b>YEAR</b>	<b>TC Approved FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
Replace 2008 Chevy Express Vehicle	\$ -	\$ -	\$ -	\$ -	\$ 28,000
Replace 2005 Ford E-250 Vehicle	-	-	-	-	30,000
District Wide Landscaping Improvements	-	15,000	15,000	15,000	60,000
District Wide Parking Lot, Sidewalk, Storm Drain Main	-	20,000	-	-	20,000
District Wide Cleaning Equipment	15,000	15,000	15,000	15,000	
District Wide Phone System Upgrade	70,000	-	-	-	-
District Wide Security Improvements	-	25,000	-	25,000	25,000
Linden School Mechanical System Upgrade/Replacement	-	-	-	-	900,000
Linden School Upgrade Classroom Lighting	-	80,325	-	-	-
PHS Parking Lot Replacement	-	170,180	-	-	-
PHS Resurface Pavement Alumni Field	-	100,000	-	-	-
PHS Partition Doors in Tech-Ed Hallway	-	7,500	-	-	-
PHS Repairs to Smoke Stack	-	95,000	-	-	-
PHS Solar Inverter	-	-	15,000	-	-
PHS Replace Emergency Generator	-	-	280,000	-	-
PHS Gym Roof Snow Guards	-	86,000	-	-	-
PHS Upgrade ADA Accessibility to Tennis Courts	25,000	-	-	-	-
PHS Repair and Resurface Kitchen Floor	87,000	-	-	-	-
PHS Repair/Upgrade Boilers	-	-	-	-	225,000
PHS Turf Field Maintenance	50,000	50,000	50,000	50,000	50,000
Toffolon Solar Inverter	-	-	-	12,000	-
Toffolon School Landscape	-	-	-	20,000	-
<b>BOARD OF EDUCATION TOTAL</b>	<b>\$ 247,000</b>	<b>\$ 664,005</b>	<b>\$ 375,000</b>	<b>\$ 137,000</b>	<b>\$ 1,338,000</b>
<b>YEAR</b>	<b>TC Approved FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
Total Town General Government	\$ 1,592,570	\$ 2,020,347	\$ 1,496,228	\$ 577,900	\$ 1,165,900
Total Board of Education	247,000	664,005	375,000	137,000	1,338,000
<b>GRAND TOTAL - ALL PROJECTS</b>	<b>\$ 1,839,570</b>	<b>\$ 2,684,352</b>	<b>\$ 1,871,228</b>	<b>\$ 714,900</b>	<b>\$ 2,503,900</b>
<b>Estimated Funding Sources</b>	<b>TC Approved FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>
Total General Fund (GF)	\$ 1,100,000	\$ 2,684,352	\$ 1,871,228	\$ 714,900	\$ 2,503,900
Total Capital Fund/Supplemental Appropriation	147,070	-	-	-	-
Total Grants	592,500	-	-	-	-
<b>GRAND TOTAL - ALL FUNDING</b>	<b>\$ 1,839,570</b>	<b>\$ 2,684,352</b>	<b>\$ 1,871,228</b>	<b>\$ 714,900</b>	<b>\$ 2,503,900</b>

# II

## Current Year Approved Projects

**APPROVED PROJECTS SUMMARY  
FISCAL YEAR 2017**

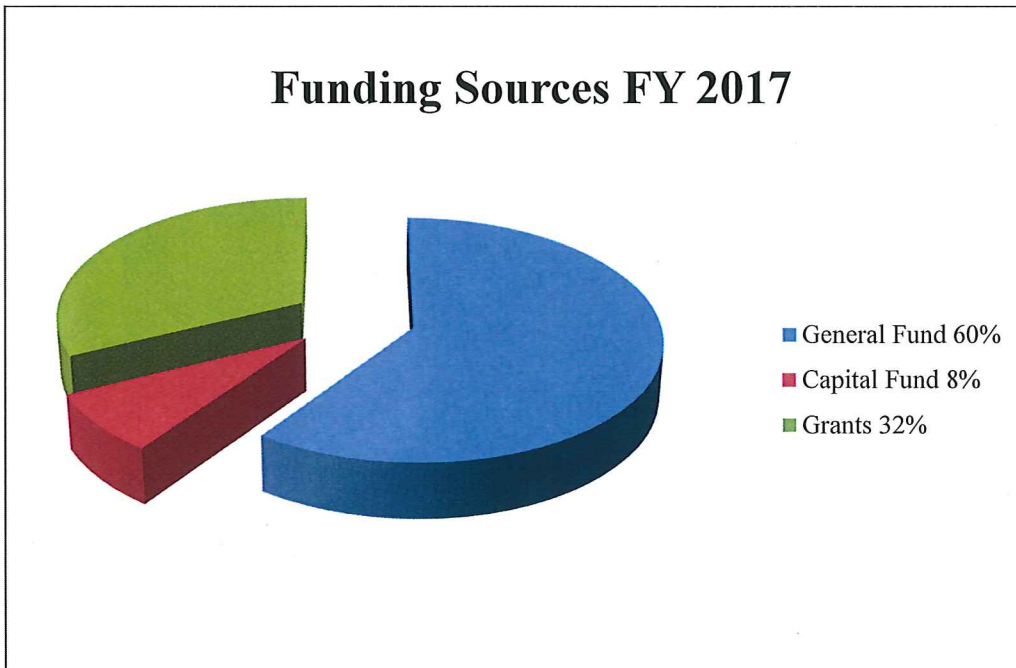
**PROJECT TOTALS**

Town General Government	\$	1,592,570
Board of Education		247,000
<b>TOTAL - ALL PROJECTS</b>	<b>\$</b>	<b><u>1,839,570</u></b>

**FUNDING TOTALS**

General Fund	\$	1,100,000
Capital Fund		147,070
Grants		592,500
<b>TOTAL -ALL FUNDING</b>	<b>\$</b>	<b><u>1,839,570</u></b>

The chart below illustrates each funding source as a percent of total funding.



## Finance/Assessors Office

Nonrecurring Project	FY 2017	Future Cost	Total Cost
2016 Assessors Revaluation	\$ 150,000	\$ 50,000	\$ 200,000
<b>Nonrecurring Total</b>	<b>\$ 150,000</b>	<b>\$ 50,000</b>	<b>\$ 200,000</b>
<b>Department Total</b>	<b>\$ 150,000</b>	<b>\$ 50,000</b>	<b>\$ 200,000</b>

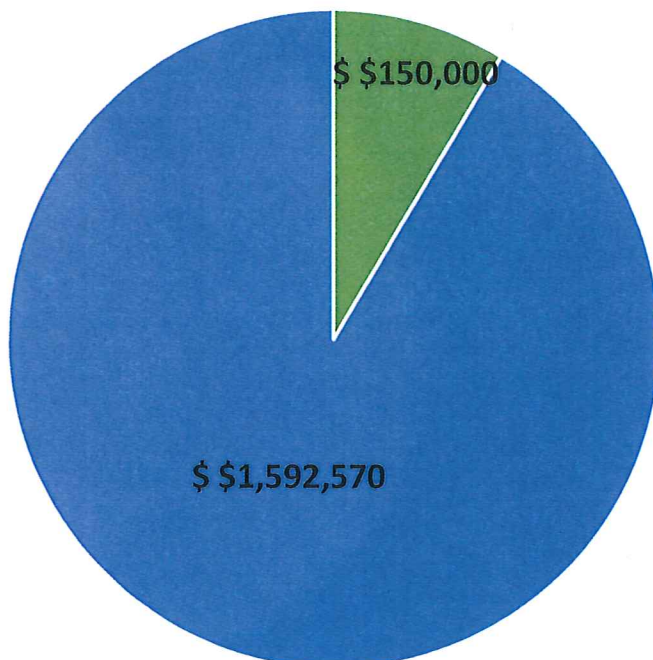
### 2016 REVALUATION

**Description:** Revaluation is a state mandated program that is done to ensure a more equitable distribution of the tax burden by bringing the property assessments in a community up to date. A company will be hired to travel throughout the town measuring and viewing properties, evaluate building permits, and list properties for valuation. The town will conduct a revaluation in 2017. Expenses for this revaluation will be spread over three years. The next revaluation will be in 2021.



**Future Operating Budget Impact:** Costs for each revaluation cycle are spread over a three-year period to avoid placing the burden exclusively in one year's budget. Updating property assessments ensures that revenue can be captured from property improvements.

## Finance/Assessors



- Assessor Revaluation
- TOTAL GENERAL GOVERNMENT

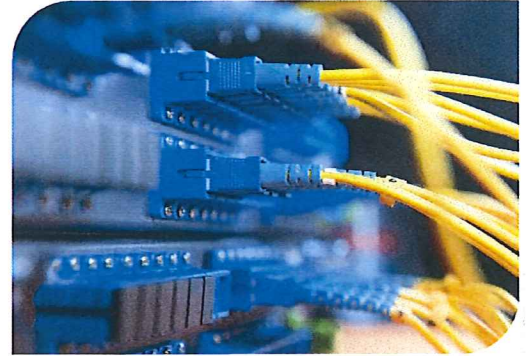
## Data Processing

Recurring Project	FY 2017	Future Cost	Total Cost
Upgrades & Maintenance	\$ 25,000		\$ 25,000
Municipal Fiber Network	\$ 75,000		\$ 75,000
<b>Recurring Total</b>	<b>\$ 100,000</b>		<b>\$ 100,000</b>
<b>Department Total</b>	<b>\$ 100,000</b>		<b>\$ 100,000</b>

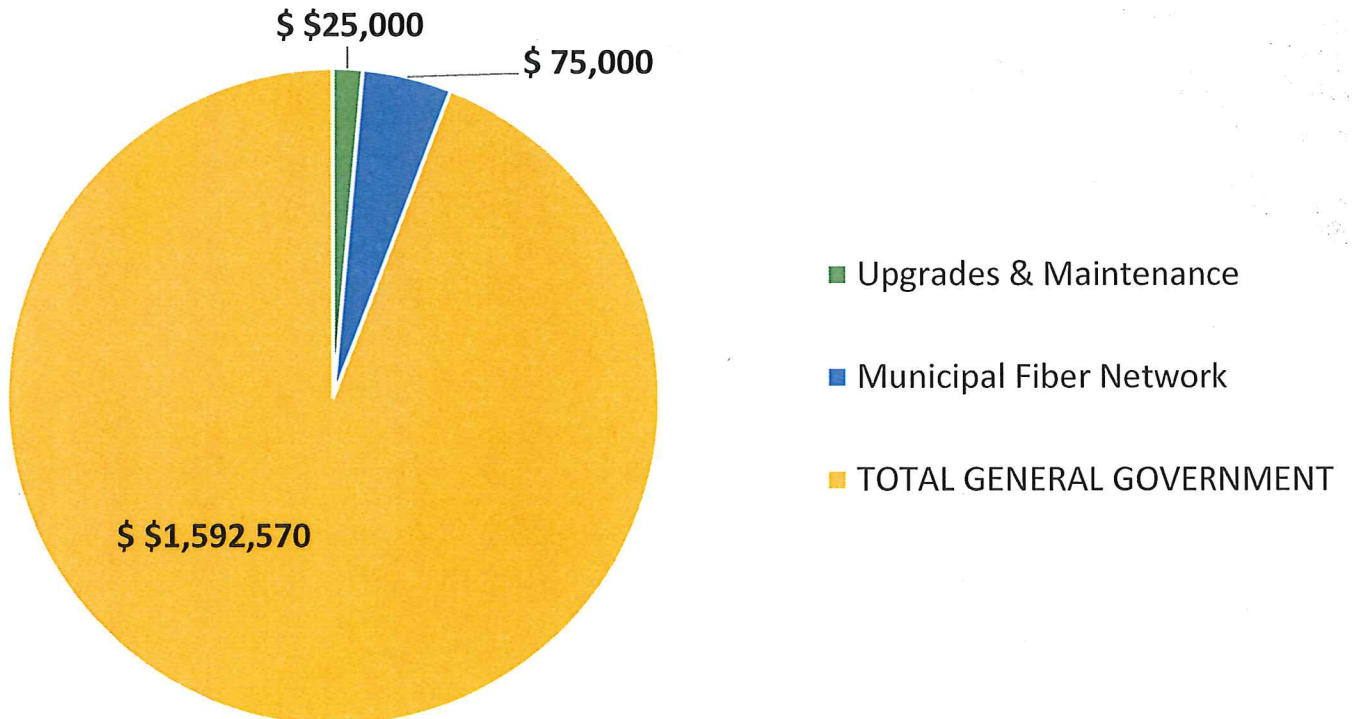
### RECURRING CAPITAL IMPROVMENTS

**Description:** Funds provide for the on-going computer replacement cycle, network infrastructure improvements, software upgrades, installation of fiber throughout the town in order to connect all town and BOE buildings, and contractual requirements.

**Future Operating Budget Impact:** Upgrades to the fiber network will increase maintenance costs in the future. Subscription and lease costs will decrease in the long-run as the network is built out. The network is expected to last approximately 30 years.



## Data Processing





## Police Department

Nonrecurring Project	FY 2017	Future Cost	Total Cost
Dispatch Communications Equipment Lease	\$ 155,328	\$ 310,656	\$ 465,984
<b>Nonrecurring Total</b>	<b>\$ 155,328</b>	<b>\$ 310,656</b>	<b>\$ 465,984</b>

### *DISPATCH COMMUNICATION SYSTEM*

**Description:** Replaced outdated dispatch system. The entire dispatch communication system was updated to meet state standards. The project includes \$117,000 for an AVTEC Scout tower for the police radio console, new computers, software and all related equipment. This will be the second payment on an assumed five-year lease. System can be purchased outright at end of the period, or a new lease can be arranged.

**Future Operating Budget Impact:** No impact is anticipated due to repair and replacement costs for the radio system being covered under an all-inclusive contract with Goosetown Communications.



Recurring Project	FY 2017	Future Cost	Total Cost
Patrol Cruiser Outfitting - 2/3	\$ 20,500	\$ 60,500	\$ 81,000
Patrol Cruiser Ford Interceptors - 2/3	\$ 61,000	\$ 280,000	\$ 341,000
Defibrillator in Patrol Cruiser - 2	\$ 6,400	\$ 25,600	\$ 32,000
Video Cameras in Patrol Cruisers - 2	\$ 14,000	\$ 56,000	\$ 70,000
<b>Recurring Total</b>	<b>\$ 101,900</b>	<b>\$ 422,100</b>	<b>\$ 524,000</b>

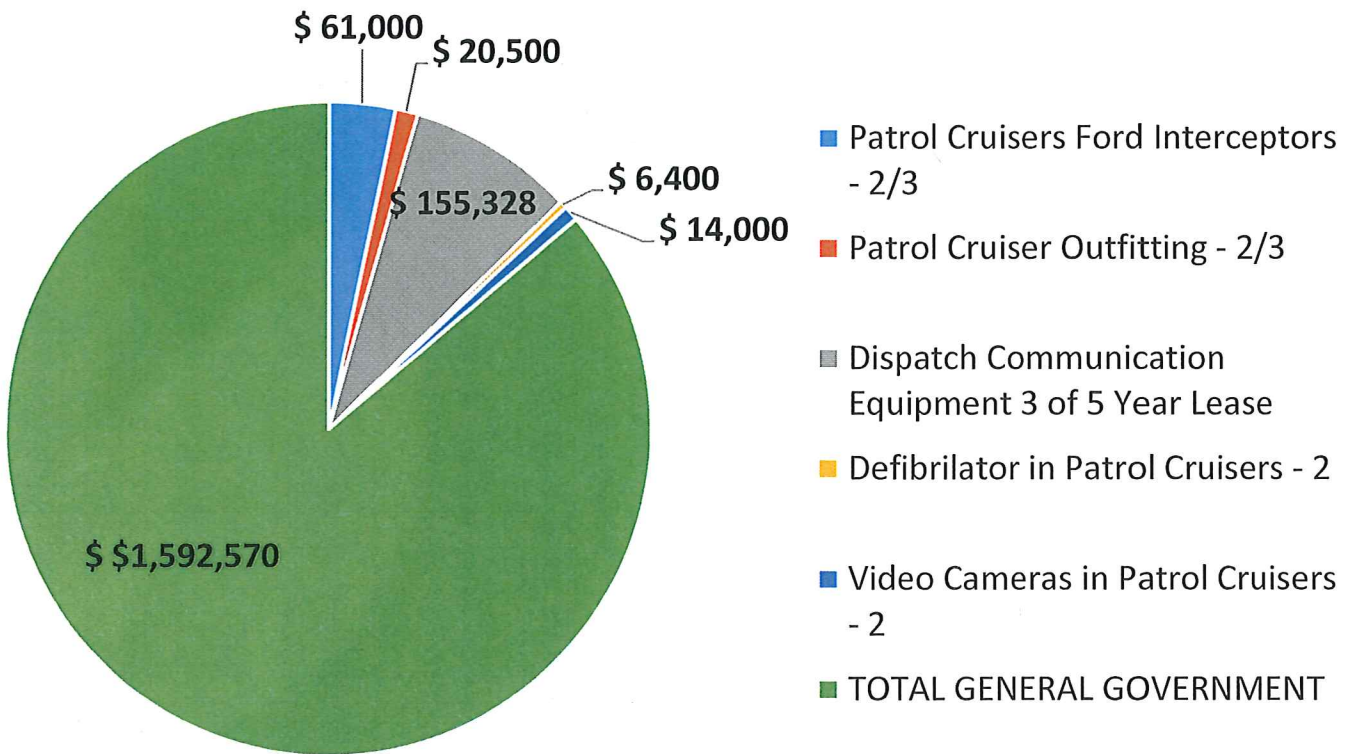
<b>Department Total</b>	<b>\$ 257,228</b>	<b>\$ 732,756</b>	<b>\$ 989,984</b>
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### *RECURRING IMPROVEMENTS*

**Description:** Equipment within cruisers is upgraded on a rotating basis in order to ensure officer and public safety and to provide rapid response to residents' needs.

**Future Operating Budget Impact:** Upgrades to computer hardware are expected to reduce maintenance costs during the time that the hardware is designed to meet performance expectations. Replacing patrol cruisers is anticipated to save on maintenance costs due to better performance, warranty coverage, and availability of parts. Outfitting the cruisers will be completed in two years and will reduce equipment costs during its 5-7 year life.

## Police



## Fire Department

Nonrecurring Project	FY 2017	Future Cost	Total Cost
Dispatch Communications Equipment Lease	\$ 27,924	\$ 27,924	\$ 55,848
Rescue Apparatus 5 Year Lease/Purchase	\$ 103,418	\$ 103,418	\$ 206,836
<b>Nonrecurring Total</b>	<b>\$ 131,342</b>	<b>\$ 131,342</b>	<b>\$ 262,684</b>

### *DISPATCH COMMUNICATION EQUIPMENT LEASE*

**Description:** Upgrade outdated dispatch system and make it compatible with new Police Department dispatch system. The new radio dispatch console will be a digital system designed to interface with up to 128 radio channels or telephone lines, and support up to 36 dispatcher positions. This is the second year of a three year lease.

**Future Operating Budget Impact:** No impact is anticipated.

### *RESCUE APPARATUS*

**Description:** Fourth installment of a five-year lease purchase on a new KME rescue apparatus. This rescue apparatus replaced a 1989 model, which was over 20 years old. NFPA recommends apparatus replacement after 20 years. Additionally, the old apparatus had become overcrowded due to equipment requirements, resulting in delays when removing equipment at the scene. The new truck allows the firefighter to perform needed services more efficiently.



**Future Operating Budget Impact:** Maintenance costs are anticipated to be lower over the useful life of the apparatus.

Recurring Project	FY 2017	Future Cost	Total Cost
Personal Protective Equipment	\$ 10,000	\$ 80,000	\$ 90,000
SCBA Bottle Replacements	\$ 10,000	\$ 40,000	\$ 50,000
Diesel Powered Portable Lighting/Generator	\$ 8,500		\$ 8,500
<b>Recurring Total</b>	<b>\$ 28,500</b>	<b>\$ 120,000</b>	<b>\$ 148,500</b>

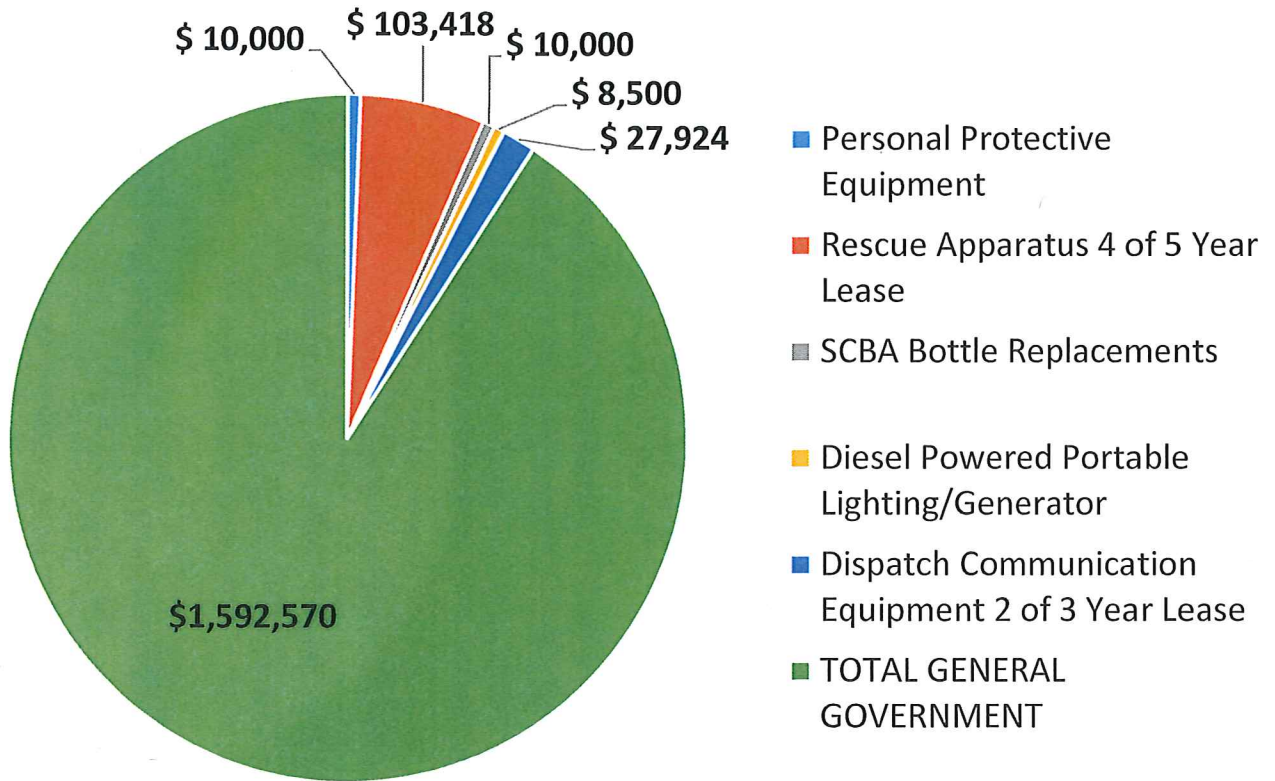
<b>Department Total</b>	<b>\$ 159,842</b>	<b>\$ 251,342</b>	<b>\$ 411,184</b>
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### *RECURRING IMPROVEMENTS*

**Description:** Equipment is upgraded each year on a rotating basis in order to ensure safe fire operation. Included this year is a portable light that will be used when an emergency call comes in during the night.

**Future Operating Budget Impact:** Updating Personal Protective Equipment helps to avoid repair costs and to avoid fines by abiding by the most recent regulations. The SCBA bottle replacements are replaced on a rotating basis to avoid having the cost of replacing all of the bottles at once falling in a single budget.

# Fire



## Roadways Department

Nonrecurring Project	FY 2017	Future Cost	Total Cost
5 Ton Dump Truck With Snowplow	\$ 62,500		\$ 62,500
Mack Computer Diagnostic Analyzer	\$ 5,000		\$ 5,000
<b>Nonrecurring Total</b>	<b>\$ 67,500</b>		<b>\$ 67,500</b>

### 5 TON DUMP TRUCK WITH SNOWPLOW

**Description:** Replace Truck 14, a 15-year-old vehicle with a 25,000 gross vehicle weight, a Stellar Body Lift to switch bodies, and capability to place its flatbed on the ground with masonry materials. The truck will also snowplow and be in service year-round. This truck is being funded over two years with this being the second year.

**Future Operating Budget Impact:** Newer equipment typically requires less spent on maintenance than older equipment, is typically more efficient, and avoids the need to have replacement parts special ordered.

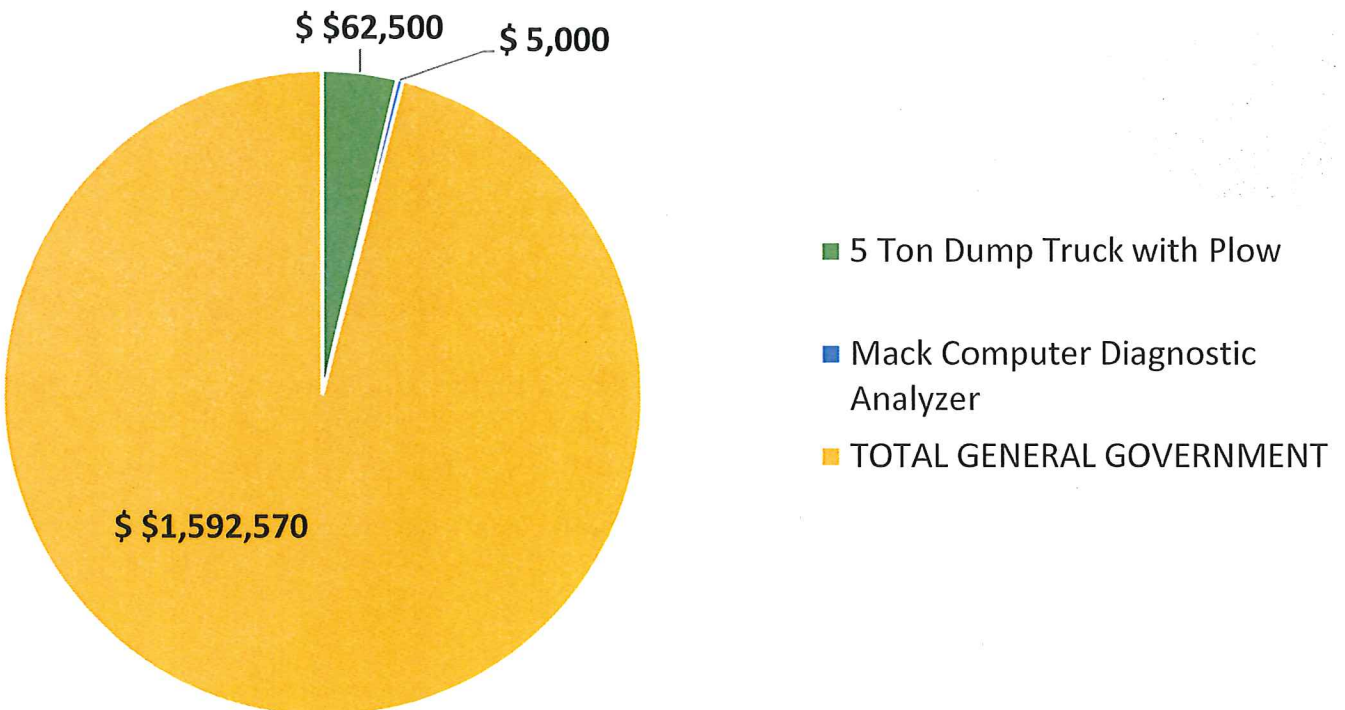


### MACK COMPUTER DIAGNOSTIC ANALYZER

**Description:** Computer analyzer for heavy trucks.

**Future Operating Budget Impact:** This diagnostic analyzer will allow department the ability to be aware of any service issues with the vehicles and allow for repairs to be done more efficiently limiting the wear on the heavy trucks.

## Roadways



## Buildings & Grounds Department

Recurring Project	FY 2017	Future Cost	Total Cost
4WD 1 Ton Dump Truck with Plow #48	\$ 33,000		
Library Window Trim Repair and Paint	\$ 10,000	\$ 10,000	\$ 20,000
Police Department AC Design	\$ 5,000		
<b>Recurring Total</b>	<b>\$ 48,000</b>	<b>\$ 10,000</b>	<b>\$ 20,000</b>

<b>Department Total</b>	<b>\$ 48,000</b>	<b>\$ 10,000</b>	<b>\$ 58,000</b>
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### *4WD 1 TON DUMP TRUCK WITH PLOW #48*

**Description:** Replaces a 1999 Pickup used for general grounds maintenance and to plow snow.

**Future Operating Budget Impact:** Newer equipment typically requires less spent on maintenance than older equipment, is typically more efficient, and avoids the need to have replacement parts special ordered.



### *LIBRARY WINDOW TRIM REPAIR AND PAINT*

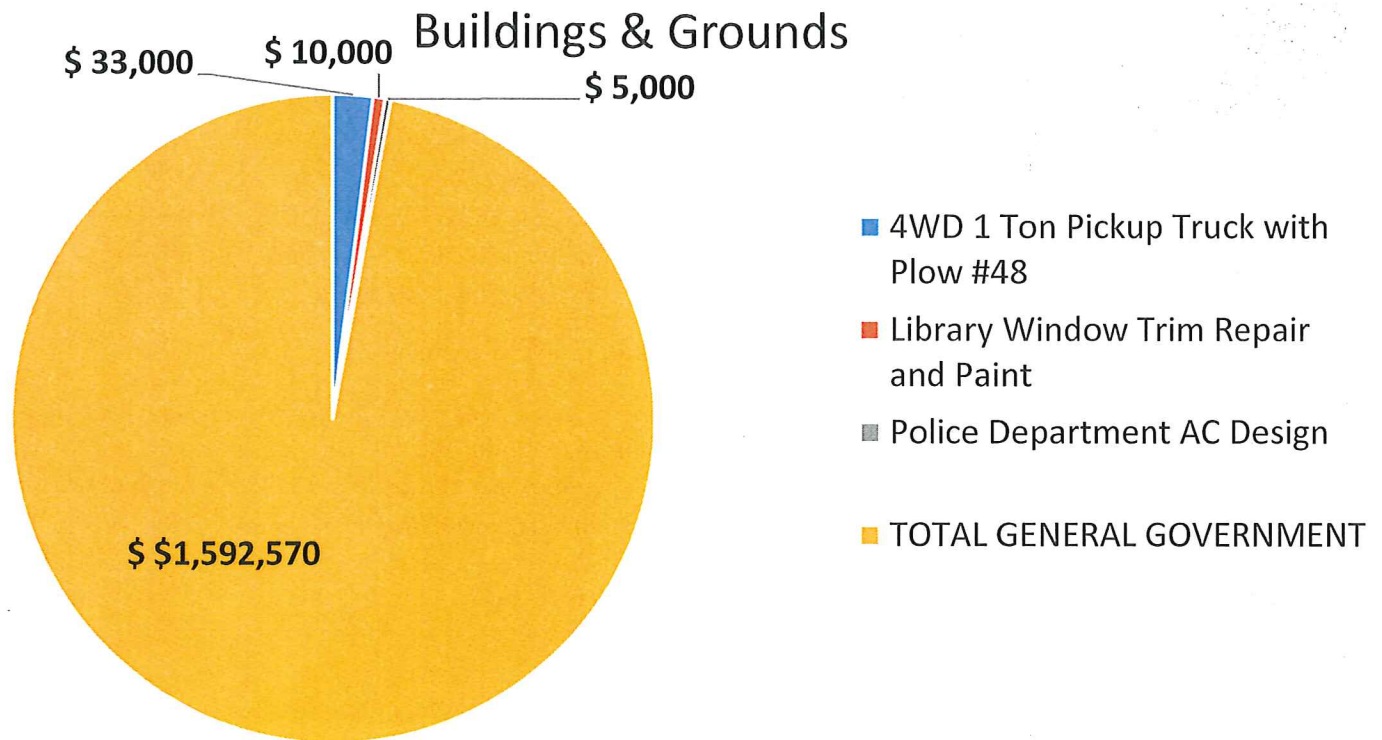
**Description:** The wood trim around the windows at the library is starting to deteriorate and needs to be repaired or replaced and painted.

**Future Operating Budget Impact:** The repairs will reduce future maintenance costs.

### *POLICE DEPARTMENT AC DESIGN*

**Description:** Engineering work required for upgrade to existing air conditioning unit in Police Department Computer Room. Needed due to addition of sensitive equipment in that room.

**Future Operating Budget Impact:** Will prevent damage to electronics from overheating, reducing future maintenance costs.



## Technical Services Department

Nonrecurring Project	FY 2017	Future Cost	Total Cost
Study of Paderewski Park Pond	\$ 10,000		\$ 10,000
Roadway Sign Replacement Program	\$ 10,000	\$ 60,000	\$ 70,000
<b>Nonrecurring Total</b>	<b>\$ 20,000</b>	<b>\$ 60,000</b>	<b>\$ 80,000</b>
<b>Department Total</b>	<b>\$ 20,000</b>	<b>\$ 60,000</b>	<b>\$ 80,000</b>

### *STUDY OF PADEREWSKI PARK POND*

**Description:** Retain a consultant to assess the existing conditions of Paderewski Park Pond, provide a report of their findings and recommend enhancements.

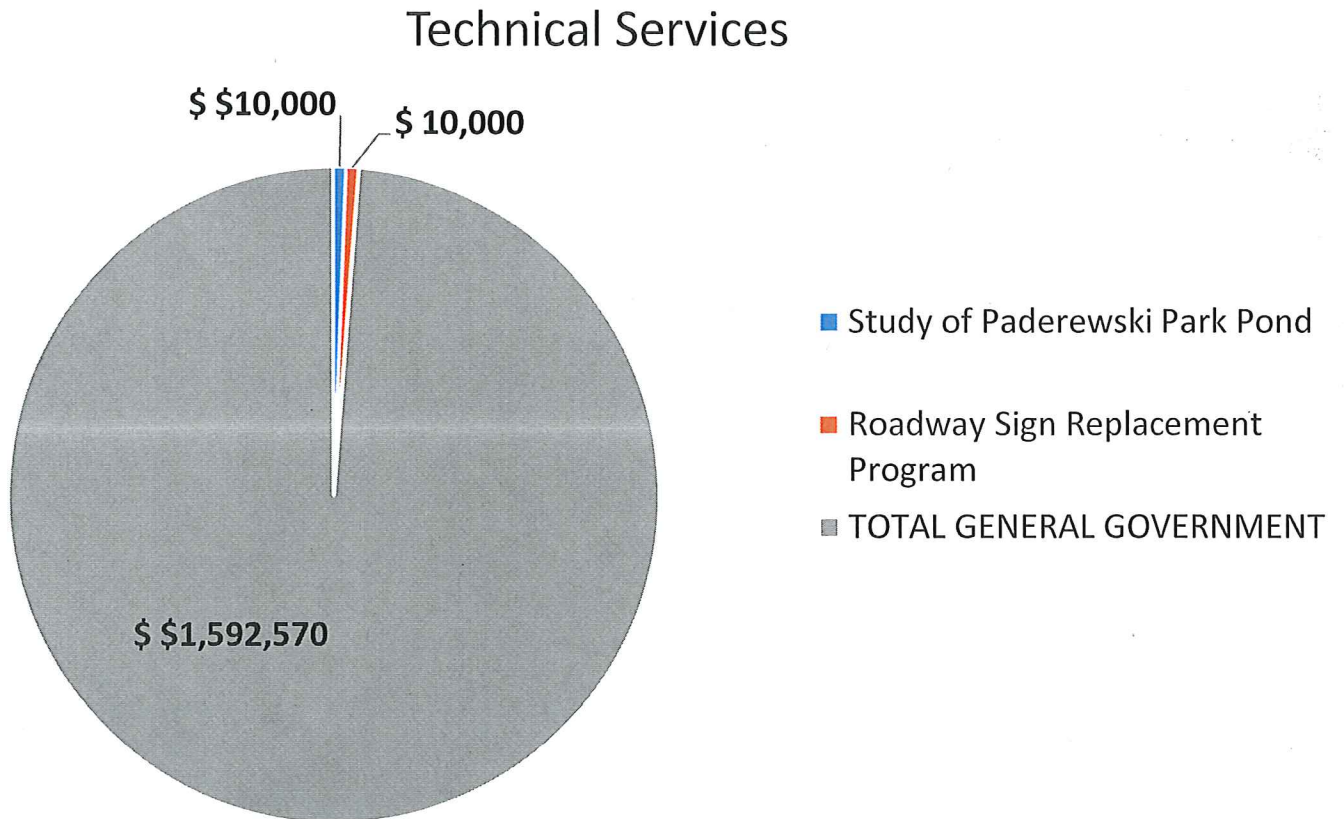
**Future Operating Budget Impact:** None anticipated.



### *ROADWAY SIGN REPLACEMENT PROGRAM*

**Description:** Replacement of Existing Roadway Signs which address the Federal 2014 Reflectivity Requirements.

**Future Operating Budget Impact:** None anticipated.



## Recreation Department

Nonrecurring Project	FY 2017	Future Cost	Total Cost
Park Improvements	\$ 790,000	\$ 50,000	\$ 840,000
<b>Nonrecurring Total</b>	<b>\$ 790,000</b>	<b>\$ 50,000</b>	<b>\$ 840,000</b>
<b>Department Total</b>	<b>\$ 790,000</b>	<b>\$ 50,000</b>	<b>\$ 840,000</b>

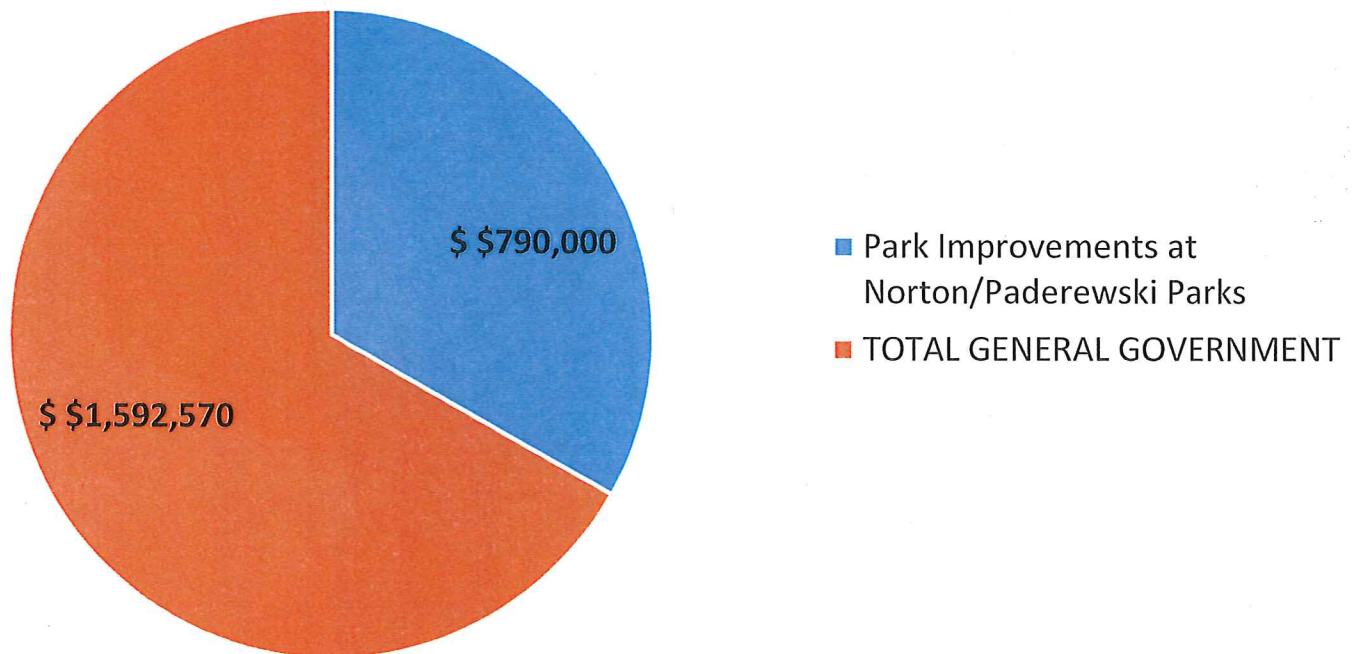
### ***PARK IMPROVEMENTS***

**Description:** The Town received a grant from the State to do several playground improvements at Norton and Paderewski Park to make them complaint with ADA.

**Future Operating Budget Impact:** None anticipated



## Recreation





## Board of Education

Nonrecurring Project	FY 2017	Future Cost	Total Cost
District Wide Phone System Upgrade	\$ 70,000		\$ 70,000
District Wide Cleaning Equipment	\$ 15,000	\$ 45,000	\$ 60,000
PHS Upgrade ADA Accessibility to Tennis Court	\$ 25,000		\$ 25,000
PHS Repair and Resurface Kitchen Floor	\$ 87,000		\$ 87,000
<b>Nonrecurring Total</b>	<b>\$ 197,000</b>	<b>\$ 45,000</b>	<b>\$ 242,000</b>
<b>Department Total</b>	<b>\$ 197,000</b>	<b>\$ 45,000</b>	<b>\$ 484,000</b>

### ***DISTRICT WIDE PHONE SYSTEM UPGRADE***

**Description:** Replace and upgrade phone systems for the Town and District communications interbuilding connectivity.

**Future Operating Budget Impact:** None anticipated

### ***PHS PARKING LOT REPLACEMENT***

**Description:** Resurface parking lots and roadway areas at Plainville High School.

**Future Operating Budget Impact:** None anticipated

### ***PHS UPGRADE ADA ACCESSIBILITY TO TENNIS COURT***

**Description:** Reconfigure and rebuild accessible route to Tennis Courts to bring it to compliance with ADA. Was sighted in State Civil Rights Compliance Review this past year.

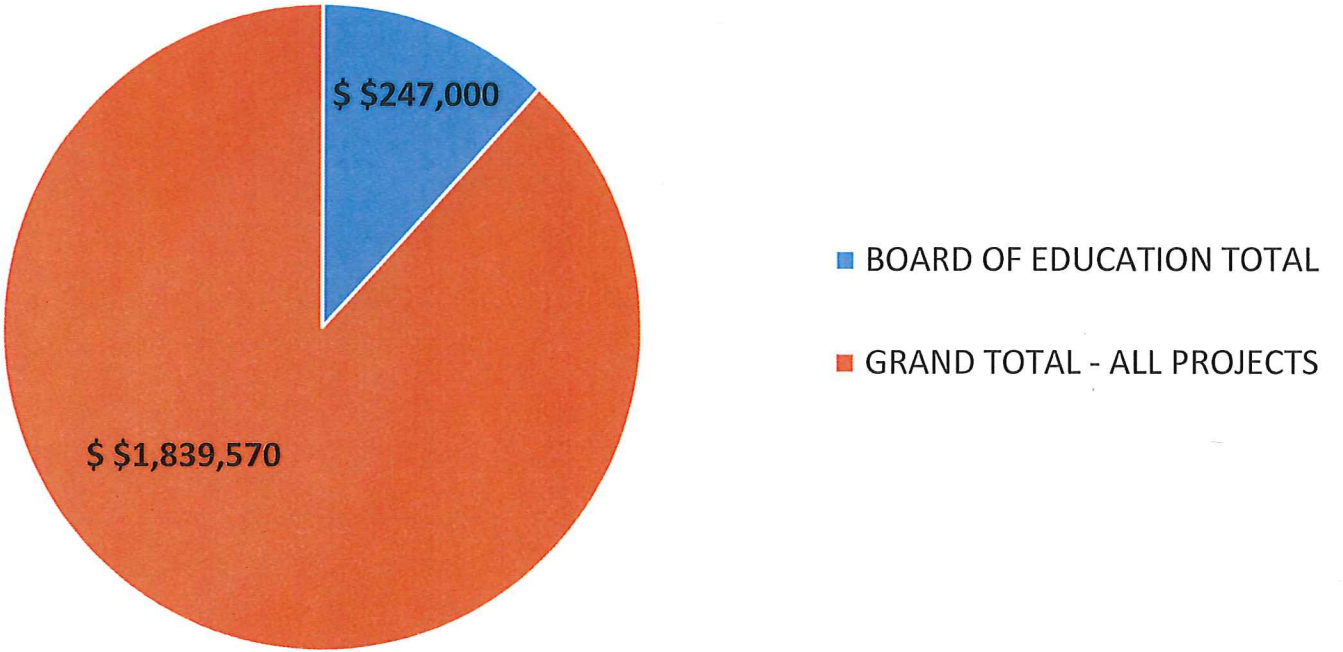
**Future Operating Budget Impact:** None anticipated

### ***PHS REPAIR AND RESURFACE KITCHEN FLOOR***

**Description:** The kitchen floor at Plainville High School is failing in several areas, epoxy floor is cracking and separating from substrate. This is a major safety and health concern.

**Future Operating Budget Impact:** None anticipated

## Board of Education



## Water Pollution Control Facility

Recurring Project	FY 2017	Future Cost	Total Cost
I & I Manhole Rehabilitation	10,000	75,000	85,000
Plant & Collection System and Repairs	125,000	500,000	625,000
<b>Recurring Total</b>	<b>135,000</b>	<b>575,000</b>	<b>710,000</b>

### ***RECURRING IMPROVEMENTS***

**Description:** Manhole covers are replaced to address groundwater entering the system. Plant collection system receives proactive maintenance, repairs, and capital improvements.

**Future Operating Budget Impact:** No impact is anticipated for the manhole rehabilitation. Plant repairs are anticipated to help reduce overtime costs. Collection system repairs will have the largest impact of these projects by reducing the amount of infiltration that enters the system through cracks and breaks. This will reduce the amount of energy needed to process the flow at the plant and have a positive impact on nitrogen numbers for the state's Nitrogen Credit Program.

Nonrecurring Project	FY 2017	Future Cost	Total Cost
Influent Valve Replacements	25,000		25,000
Treatment Plant Roof Repair	87,000		87,000
Small Utility Vehicle	12,000		12,000
<b>Nonrecurring Total</b>	<b>124,000</b>		<b>124,000</b>

<b>Department Total</b>	<b>259,000</b>	<b>575,000</b>	<b>834,000</b>
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### ***INFLUENT VALVE REPLACEMENT***

**Description:** Replacement of influent valves and installation of isolation valves on SBR's 2 and 4. This has been done on SBR's 1 and 3. Currently, SBR 4 is dripping and it is possible that SBR 2 is going to begin leaking sooner rather than later. Also, SBR 2 and 4 are not able to be isolated for repairs.

**Future Operating Budget Impact:** There will be a savings of repair costs.

### ***TREATMENT PLANT ROOF REPAIR***

**Description:** Replacement/repair of flat roof at facility which leaks in multiple locations in the basement next to electrical equipment.

**Future Operating Budget Impact:** The repair eliminates potential expenses due to water leaking into the building.



### ***SMALL UTILITY VEHICLE***

**Description:** This vehicle will be used for travel between buildings, bringing tools and parts between buildings. Performing yard work functions as needed. This will negate the use of larger pick-up trucks driving around the plant and make department more efficient.

**Future Operating Budget Impact:** None anticipated

# III

## Outstanding Debt, Mill Rate Impact, & Legal Debt Limit

## GENERAL OBLIGATION BONDED DEBT FISCAL YEAR 2017

### SUMMARY

The Town Council, Town Manager, Board of Education, Superintendent of Schools, Director of Finance, and the Capital Projects Building Committee will be meeting to consider a bond issue for some of the larger projects proposed in the five year plan, including school improvements and road projects. It is anticipated funding for these projects would be bonded in FY's 2018 and 2020, allowing the Town to take advantage of low interest rates currently available. In FY 2017, the Town issued a short-term Bond Anticipation Note (BAN) for the Road Projects. Due to low interest rates, the Town intends to roll the note over and issue new short-term debt until 2020, when it intends to bond the entire project cost, taking advantage of declining debt costs, adding the new debt payments with little or zero future mill rate impact.

### POTENTIAL NEW DEBT

Description	Type	Year to be Issued	Year of Maturity	Amount	Unissued	Rate	Outstanding Principle	Budgeted Principal Reduction	Budgeted Interest Payments	Future Impact on Mill Rate
School Improvements	Schools	2018	2038	13,000,000	-	2.00-4.00%	-	-	-	-
Road Projects	General	2020	2040	5,000,000	-	2.00-4.00%	-	-	-	-

### OUTSTANDING DEBT - SHORT TERM

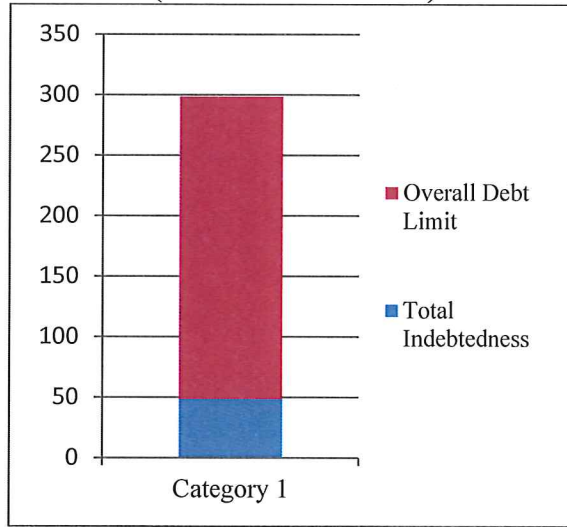
Description	Type	Year of Issue	Year of Maturity	Original Amount	Unissued	Rate	Outstanding Principle	Budgeted Principal Reduction	Budgeted Interest Payments	Impact on Mill Rate
Road Projects BAN	General	2016	2017	2,000,000	-	2.00%	2,000,000	-	15,000	0.01

### OUTSTANDING DEBT - LONG TERM

Description	Type	Year of Issue	Year of Maturity	Original Amount	Authorized but Unissued	Rate	Outstanding Principle	Budgeted Principal Reduction	Budgeted Interest Payments	Impact on Mill Rate
Refunding TIF	General	2007	2021	6,855,000	-	3.65-5.00%	3,375,000	665,000	162,100	0.60
High School Renovation	Schools	2007	2027	9,250,000	-	3.75-4.25%	500,000	500,000	20,000	0.38
Refunding 2002 Series B	General	2010	2017	3,515,000	950,000	3.00-4.00%	1,010,000	510,000	25,200	0.39
High School Improvements	Schools	2010	2030	4,000,000	-	3.00-4.00%	3,000,000	200,000	110,725	0.23
Toffolon School Improvements	Schools	2010	2030	6,700,000	-	3.00-4.00%	5,025,000	335,000	185,469	0.38
Refunding 2005/2006	Schools	2012	2023	12,535,000	-	2.50-3.81%	9,065,000	1,370,000	273,700	1.19
Refunding 2007 Series A	Schools	2016	2027	5,025,000	-	3.00-4.00%	5,025,000	-	165,800	0.12

<b>Total</b>					<b>950,000</b>		<b>27,000,000</b>	<b>3,580,000</b>	<b>957,994</b>	<b>3.29</b>
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**Total Current Indebtedness vs Legal Debt Limit\***  
(in millions of dollars)

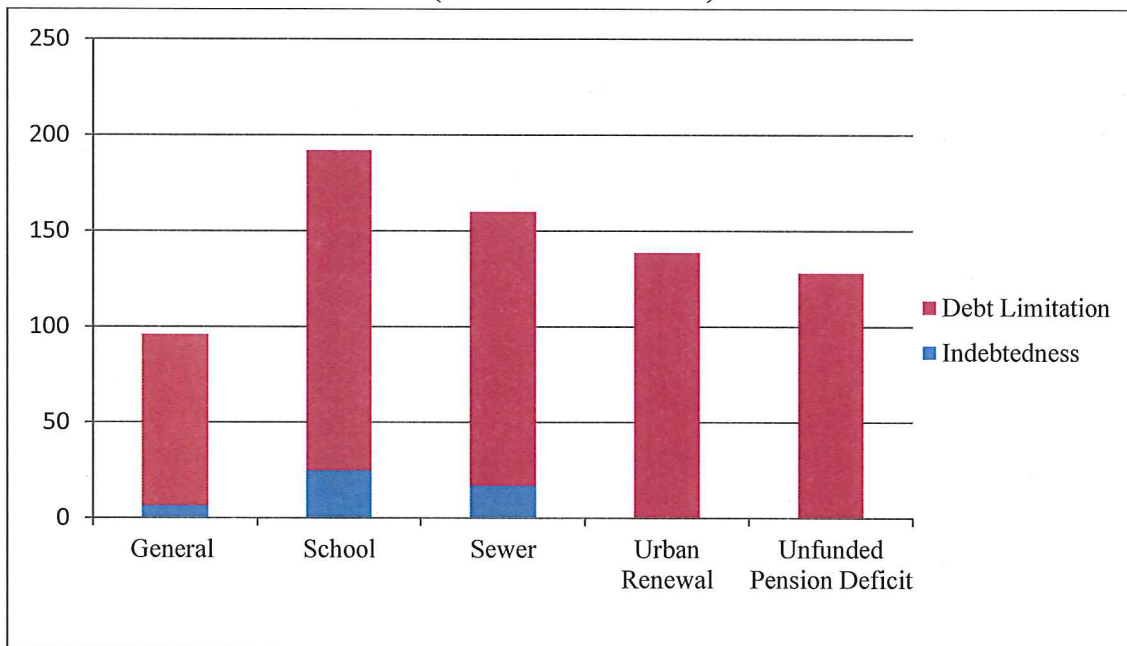


State of Connecticut limits the quantity of debt municipalities can issue relative to the tax base:

- General Purposes: 2 ¼ times annual receipts
- School Purposes: 4 ½ times annual receipts
- Sewer Purposes: 3 ¾ times annual receipts
- Urban Renewal purposes: 3 ¼ times annual receipts
- Unfunded Pension Deficit Purposes: 3 times receipts

In no case, however, shall total indebtedness exceed seven times the base.

**Current Indebtedness vs. Legal Debt Limit\***  
(in millions of dollars)



\*As of June 30, 2015.