### **Public Works Department**

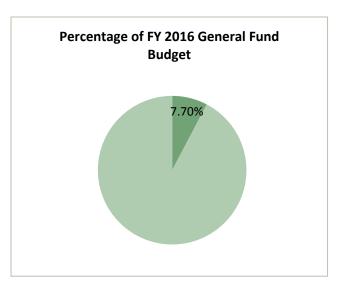
### **Department Mission**

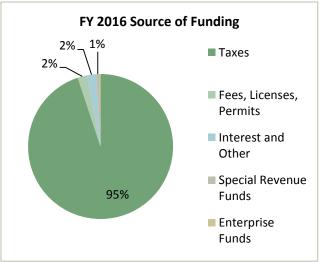
The Mission of the Department of Public Works is to protect, preserve and improve the Town's infrastructure and related assets in a manner that meets the current and future social and economic needs of the community; and contributes to a healthy, safe and quality environment for the Town's citizens and its visitors. It includes the ability to provide water service to the Hyannis area, cost-effective and environmentally sound disposal of solid waste, and treatment and disposal of wastewater.

### Administration & Technical Support Division Highway Division Structures & Grounds Division

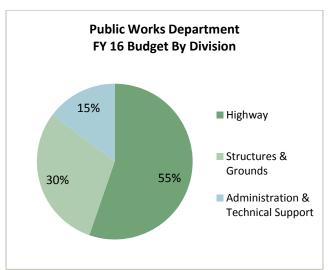
# Protecting and Maintaining the Town's

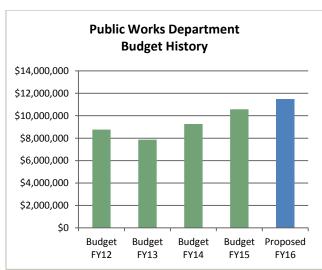
### **Fiscal Year 2016 Department Financial Data**





The Public Works Department comprises 7.7% of the overall General Fund budget; the third largest department after the School Department and Police Department. This budget also includes and deficit spending on snow removal from the previous year. Taxes provide 95% of the funding for this operation.





The Highway Division is the largest operation within the Public Works Department General Fund operations representing 55% of the FY16 proposed budget. The budget has increased from \$8.8 million in FY12 to \$11.5 million proposed FY16 or 31.1% over the five year period. Costs associated with snow removal account for much of the change in the budget from year-to-year. In FY 13 there were no snow removal deficits from the prior year as FY12 included a mild winter.

Formation Colombia	Actual FY 2014			Approved		Projected		Proposed		Change	Percent
Expenditure Category	<u> </u>		<u>,</u>	FY 2015	,	FY 2015	<u>,</u>	FY 2016		FY15 - 16	Change
Personnel	\$	4,879,684	\$	5,237,107	\$	5,469,445	\$	5,491,722		\$254,615	4.86%
Operating Expenses		4,388,005		4,733,922		4,851,458		5,385,655		651,733	13.77%
Capital Outlay		590,616		604,000		584,075		616,000	-	12,000	1.99%
Total Appropriation		9,858,305		10,575,029		10,904,978		11,493,377	-	918,348	8.68%
Employee Benefits Allocation:											
Life Insurance		506				519					
Medicare		60,129				61,852					
Health Insurance		316,242				330,276					
County Retirement		979,290				1,016,595					
Total Employee Benefits (1)		1,356,167	-			1,409,241	_				
Total Expenditures Including Benefits	\$	11,214,472	<b>=</b>		\$	12,314,219	=				
Full-time Equivalent Employees		83.53		84.53				85.53		1.00	
Source of Funding											
Taxes	\$	8,224,087	\$	8,292,117	\$	8,480,832	\$	8,333,932		\$ 41,815	0.50%
Fees, Licenses, Permits		200,909		179,000		209,076		184,000		5,000	2.79%
Charges for Services		-		-		294		-		-	0.00%
Interest and Other		2,807		-		110,865		179,600		179,600	0.00%
Special Revenue Funds		63,474		63,500		63,500		63,500		-	0.00%
Enterprise Funds		21,345		21,345		21,345		21,345		-	0.00%
General Fund Reserves		1,345,683		2,019,067		2,019,067		2,711,000		691,933	34.27%
Total Sources	\$	9,858,305	\$	10,575,029	\$	10,904,978	\$	11,493,377		\$918,348	8.68%

<sup>(1)</sup> Employee benefits are not included in the department's appropriation and are allocated for informational purposes only.

### **Summary of Significant Budget Changes**

The FY16 proposed budget is increasing \$918,348 or 8.68%. Personnel costs are increasing \$254,615 which includes all contractual obligations. There is one additional fulltime athletic field foreman added to staffing levels. In addition, \$39,000 has been added to the personnel budget to provide seasonal and temporary positions with the state mandatory minimum wage increase.

Operating expenses are increasing by a net \$651,733 mainly due to snow & ice deficits; however, significant savings in diesel, gasoline, and natural gas contracts (\$71,000) mitigate some of the increase. The department will receive budget allowances for an athletic field maintenance crew \$10,000, increased solid waste disposal cost \$15,000, and vehicle maintenance \$16,800.

Capital outlay has been increased \$12,000 to address the increasing backlog of equipment and vehicle replacements, mechanical systems replacement, and leased property improvements.

Tax support will increase \$41,815 to support the budget increase. There is also \$179,600 in new revenue sources from renewable energy projects. General Fund reserves of \$2,711,000 will be used to cover the snow removal deficit from FY15 that is included in the FY16 spending plan.

### **Additional Funding Recommended**

### Public Works – Administration

### 1. Operating Capital for Vehicles and Heavy Equipment

\$500,000 Requested \$500,000 Recommended

The DPW has approximately 150 pieces of equipment which are used to conduct its day-to-day business for the Town. These vehicles are replaced when they reach the end of their useful life with monies from the Vehicle Operating Capital budget. Budget projections indicate that significant increases to this budget would be needed to maintain the fleet. To combat this, the DPW has been working hard to create sustainable long term plans for the vehicle program. One new initiative is the creation of dedicated Snow Fighter and Construction fleets. Initial analysis has shown this program alone will save the DPW over \$750,000 over the next five years, and over \$1.7M by FY31. Other savings have come from the aggressive use of Chapter 90 funds for large vehicles. In FY14 the DPW was able to purchase the new Vac Truck with Chapter 90 monies, and in FY15 we are buying a new loader for the Highway Division using Chapter 90 funds. Getting these vehicles via that program resulted in significant savings to the Town. These and other initiatives allowed the DPW to limit the Vehicle Op Cap budget to \$500,000 for FY16.

### 2. Increase Seasonal Employee's Wages

\$39,000 Requested \$39,000 Recommended

The DPW utilizes seasonal laborer positions to augment the workforce during the peak season. Wages for seasonal sidewalk vac, landscaping, and building maintenance positions have not been competitive with other Cape businesses, making it increasingly difficult to attract and retain seasonal laborers.

### **Public Works – Highway**

### 1. Vehicle Maintenance Budget

\$16,800 Requested \$16,800 Recommended

DPW Fleet maintenance is responsible for repairs on all the Department of Public Works, and many of the Marine and Environmental Affairs vehicles and equipment. Over the past few years repairs have become increasingly more expensive due to the complexity of the equipment and rising cost in shipping and manufacturing of parts (FY12 = \$142,000; FY13 = \$133,000; FY14 = \$146,000). As a result, the Department is requesting that the Vehicle budget be increased from \$136,156 to \$150,000.

### **Public Works – Structures and Grounds**

### 1. Operating Capital Mechanical Systems

\$91,000 Requested \$91,000 Recommended

The Structures & Grounds Division is responsible for maintenance of 19 municipal facilities that require year—round HVAC systems. These systems are in need of upgrading and in some cases, complete replacement with more energy efficient units. These funds allow the Division to continue a multi-year maintenance and replacement program.

### 2. Increase Solid Waste Disposal Costs

\$15,000 Requested \$15,000 Recommended

The Structures & Grounds Division is responsible for processing payments for municipal waste disposal. This includes tipping fees associated with collecting and servicing municipal building dumpsters, trash

receptacles, seasonal ways to water and beach locations. The existing contract with SEMASS expired January 1, 2015 and a new contract was awarded to New Bedford Waste. The existing disposal fee of \$37.50 a ton was increased to \$55.00 a ton under this new contract. In FY15 the DPW asked for half the value of this increase to cover January 2015 – June 2015, this request represents the other half of the annual increase.

### 3. Sewage Disposal Increase

\$3,000 Requested \$3,000 Recommended

The Structures & Grounds Division is responsible for managing the municipal facilities sewer usage bills (19 accounts). The Department was forced to abandon three on-site septic systems due to system failure, and connected these facilities to the Town sewer system. The Barnstable Police Facility, Marine Environmental Affairs Facility and DPW Structures & Grounds Facility have all been upgraded and connected to the Town sewer system. This will result in a \$3,000 increase in costs to this budget.

### 4. Operating Capital Leased Property

\$25,000 Requested \$25,000 Recommended

The DPW manages the capital improvements for seven Town properties that are leased to others. Under this agreement a percentage of the lease income is allocated for larger capital improvements that fall outside the responsibility of our tenants. These improvements include structural repairs, roof and siding replacement, window and door replacement, HVAC upgrades, painting and electrical improvements.

### 5. Athletic Field Maintenance Crew

\$85,455 Requested \$85,455 Recommended

This request will create a new Municipal Athletic Field Maintenance Crew, under the Structures & Grounds Division, who would work under the supervision of the Grounds Section Foreman. This Crew would be comprised of a new full-time Grade 8 Working Foreman and two additional Seasonal/Temporary Laborers. Initial equipment needs will be handled from existing Department equipment, or from existing budgets. A materials budget (field paint, field chalk, stone dust, grass seed, fence repair parts, etc.) will be created to specifically handle needs for this crew. Currently, recreational field maintenance comes from the existing Grounds program. Over time, as park/green space and fields have been added in Town, this crew has been stretched thin to the point that only very basic maintenance can be performed. As a result, it is becoming increasingly difficult for Grounds Crews to maintain recreational fields in a safe and functional state. This proposed new crew will specialize in recreational fields and will be able to maintain those facilities to a standard worthy of our residents. Removing that work from the existing Grounds crews will also allow them to be able to devote more time to the Town's non-recreational green spaces.

### Administration and Technical Support Division

### **Division Description**

The Administration and Technical Services Section provides centralized administrative and technical support services to the Department's five operating divisions. These services include policy and procedural guidance, program and capital planning, oversight of Division operations, procurement and budgetary management services, community relations and it maintains close liaison with the Town Manager. In addition, the Division provides efficient, cost-effective and professional quality engineering, architectural, survey, and project management services in support of capital improvement and other projects.

### Administration & Technical Support Division

Administration

Technical Support

**Capital Projects** 

### **Description of Services Provided**

### **Administration Program**

This Division is organized into four groups. The Administration Group leads the Department and provides management and fiscal oversight. The Engineering Group supports the operational divisions with engineering and project management expertise in all matters relating to horizontal construction (roads,

### **RECENT ACCOMPLISHMENTS**

- **1.** Reconstructed over 36.7 miles of roads.
- 2. Design services for traffic signal improvements,
  Marstons Mills Village Center Improvement, Mill Pond and Long Pond Fishways,
  Public/Private Pumpout Facility at Hyannis Harbor,
  Bumps River Bridge, and
  Snows Creek culvert.
- 3. Contract management, direction and construction inspection Various County Bid Roadway Improvements roadway rehabilitation, chipsealing, crack sealing and new drainage installations.
- 4. Review of multiple resident requests for safety signage, speed control analysis (provision of solar speed signs), requests for parking restrictions via Town Bylaw
- 5. Osterville Bay School and Community Center:
  Completed a building assessment of these two buildings.
- 6. Barnstable Inner Harbor
  Bulkhead Repairs: Managed
  the study of the bulkhead
  structure and the repair
  program with the engineering
  design firm.
- **7.** Prince Cove and Hayward Boat Ramp: These projects are completed in 2015.

sidewalks, sewers, water, etc; and marine matters). The Architectural Group supports the operational divisions with architectural and project managerial expertise for vertical construction. The Survey Group supports the Department with inhouse survey capabilities.

### **Technical Support Program**

The information support program supplies services and records to other DPW divisions, various Town boards, committees and agencies, as well as the general public. These services range from review of subdivision submittals for Planning Board and Site Plan Review, to supplying address assignments and corrections to the telephone company in support of the 911 system. Many hours are spent answering questions and responding to requests from the public for traffic control, road improvements, parcel information, and plan reproduction. Technical support on numerous issues is provided to the administrative and operating divisions of DPW, as well as other Town departments. The Division assists the Assessing Department by annually updating the Assessors maps to reflect changes in property delineations.

### **Capital Projects Program**

The Capital Projects Program provides project and engineering management services for the capital projects. Project management of capital projects involves preliminary planning of a project through to the successful completion of the project. This entails planning, design or review of design by a consultant, permitting, bidding, construction, inspection, grant management, contract management, and all other management functions to assure the timely and cost effective completion of the capital project.

### **Fiscal Year 2016 Goals and Objectives**

### **Short Term:**

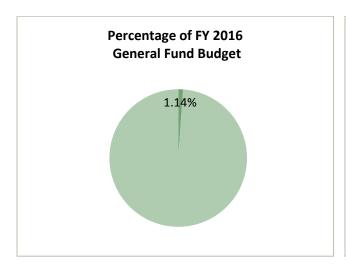
- 1. Staff and Implement a Department Safety Program complete DPW Safety Manual. (SP: Public Health and Safety, Infrastructure, Quality of Life)
- 2. Begin to address road utility projects comprehensively vs. on a utility by utility basis. (SP: Infrastructure)
- 3. Begin implementation of the "snow fighter" concept. (SP: Public Health and Safety, Infrastructure, Quality of Life)

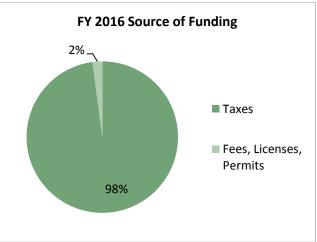
- 4. Complete Division Reorganization. (SP: Communication)
- 5. Implement GPS vehicle program. (SP: Public Health and Safety, Communication)
- 6. Revise the Department Emergency Management Program. (SP: Public Health and Safety, Communication)

### Long Term:

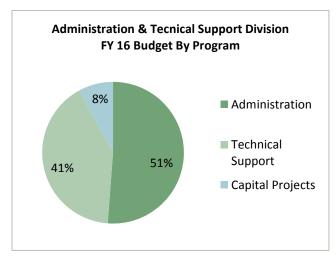
- 1. Create an electronic filing system.
- 2. Broaden Asset Management Program to include all horizontal disciplines.
- 3. Begin to create standardized SOP/Direction on subsurface road layout and develop utility corridors.
- 4. Establish an electronic work-order system that can be accessed by reporting devices in the field.
- 5. Continue to find efficiencies within the Vehicle Op Cap program.

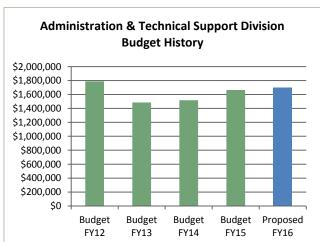
### Fiscal Year 2016 Division Financial Data





This division comprises 1.14% of the overall General Fund budget. Taxes support 98% of the operation.





The Administration Program is the largest program area within this division representing 51% of the total FY16 proposed budget. This is mainly due to the management of all capital outlay within the Public Works

Department being included in this program area. The significant budget decline in FY13 was a result allocating part of five division employees to the various enterprise fund operations managed by the Department. From FY13 to proposed FY16 the budget has increased 14.39%. Capital outlay has been the largest contributor to the budget.

Expenditure Category	Actual FY 2014	Approved FY 2015	Projected FY 2015	Proposed FY 2016	Change FY15 - 16	Percent Change
Personnel	\$ 831,048	\$ 1,001,855	\$ 964,390	\$ 1,023,124	\$21,269	2.12%
Operating Expenses	86,042	59,036	68,422	59,036	-	0.00%
Capital Outlay	590,616	604,000	584,075	616,000	12,000	1.99%
Total Appropriation	1,507,706	1,664,891	1,616,886	1,698,160	33,269	2.00%
Employee Benefits Allocation:						
Life Insurance	66		60			
Medicare	10,281		9,228			
Health Insurance	57,633		65,509			
County Retirement	300,606	_	312,775	_		
Total Employee Benefits (1)	368,586	•	387,572	<del>-</del>		
Total Expenditures Including Benefits	\$ 1,876,292		\$ 2,004,458			
Full-time Equivalent Employees	11.93	12.93		12.93	0.00	
Source of Funding						
Taxes	\$ 1,467,667	\$1,629,891	\$ 1,575,949	\$ 1,663,160	\$33,269	2.04%
Fees, Licenses, Permits	39,719	35,000	40,644	35,000	-	0.00%
Interest and Other	320	-	-			0.00%
Total Sources	\$ 1,507,706	\$ 1,664,891	\$ 1,616,886	\$ 1,698,160	\$33,269	2.00%

<sup>(1)</sup> Employee benefits are not included in the department's appropriation and are allocated for informational purposes only.

### **Summary of Significant Budget Changes**

The FY16 proposed budget is increasing \$33,269 or 2%. Personnel costs are increasing \$21,269. Operating expense is unchanged. Capital outlay is increasing \$12,000 to assist the division in addressing the backlog of equipment and vehicle replacements and lease property improvements.

An increase in tax support will provide for the budget increase of \$33,269.

### **Fiscal Year 2016 Program Financial Data**

### **Administration Program**

	Actual		Approved		Projected		Proposed		Change	Percent
Expenditure Category		FY 2014	- 1	FY 2015	- 1	FY 2015	FY 2016		FY15 - 16	Change
Personnel	\$	268,761	\$	209,948	\$	208,096	\$	220,311	\$10,363	4.94%
Operating Expenses		13,416		33,200		41,638		33,200	-	0.00%
Capital Outlay		590,616		604,000		584,075		616,000	12,000	1.99%
Total Appropriation		872,793		847,148		833,809		869,511	22,363	2.64%
									_	
Full-time Equivalent Employees		2.68		2.68				2.68	0.00	
Source of Funding										
Taxes	\$	872,793	\$	847,148	\$	833,515	\$	869,511	\$22,363	2.64%
Charges for Services		-		-		294		-		0.00%
Total Sources	\$	872,793	\$	847,148	\$	833,809	\$	869,511	\$22,363	2.64%

<sup>(1)</sup> Employee benefits are not included in the department's appropriation and are allocated for informational purposes only.

### **Technical Support Program**

	Actual		Approved		Projected		P	roposed	Ch	ange	Percent
<b>Expenditure Category</b>		FY 2014		FY 2015	FY 2015		FY 2016		FY1	15 - 16	Change
Personnel	\$	461,556	\$	666,761	\$	656,593	\$	674,044	\$	7,283	1.09%
Operating Expenses		58,868		20,305		20,446		20,305		-	0.00%
Total Appropriation		520,424		687,066		677,039		694,349		7,283	1.06%
					-				_		
Full-time Equivalent Employees		7.65		8.65			<u> </u>	8.65		0.00	
Source of Funding											
Taxes	\$	480,385	\$	652,066	\$	636,395	\$	659,349	\$	7,283	1.12%
Fees, Licenses, Permits		39,719		35,000		40,644		35,000		-	0.00%
Interest and Other		320		-		-		-		-	0.00%
Total Sources	\$	520,424	\$	687,066	\$	677,039	\$	694,349	\$	7,283	1.06%

<sup>(1)</sup> Employee benefits are not included in the department's appropriation and are allocated for informational purposes only.

### **Capital Projects Program**

Expenditure Category	Actual FY 2014		Approved FY 2015		Projected FY 2015		Proposed FY 2016		Change FY15 - 16	Percent Change
Personnel	\$	100,731	\$	125,146	\$	99,701	\$	128,769	\$ 3,623	2.89%
Operating Expenses		13,758		5,531		6,338		5,531	-	0.00%
Total Appropriation		114,489		130,677		106,039		134,300	3,623	2.77%
Full-time Equivalent Employees		1.60		1.60				1.60	0.00	
Source of Funding										
Taxes	\$	114,489	\$	130,677	\$	106,039	\$	134,300	\$ 3,623	2.77%
Total Sources	\$	114,489	\$	130,677	\$	106,039	\$	134,300	\$ 3,623	2.77%

<sup>(1)</sup> Employee benefits are not included in the department's appropriation and are allocated for informational purposes only.

### **Highway Division**

### Mission Statement

The mission of the Highway Division is to protect, maintain and improve the Town's roadway system, parking facilities and drainage facilities in a manner which promotes maximum life, improves traffic flow and enhances both pedestrian and vehicle safety; and to provide a level of routine and emergency repairs to certain Town- owned vehicles and equipment that maximizes their life and minimizes down-time. The Highway Division is also responsible for the seasonal operation of the drawbridge in Osterville and a courier service that provides interdepartmental mail delivery. The Division strives to accomplish its mission in an environmentally responsible manner and in full cooperation with all other divisions and departments of the Town.







Roadway Maintenance Equipment Support Snow & Ice Removal

### **Description of Program Services Provided**

The Division is organized into four Sections: the Traffic Section, the Forestry Section, the Roads Section, and the Equipment Section. The Division is responsible for 260 miles of town roads, 70 miles of town sidewalks, four miles of bike paths, 74 town parking lots, 4,000 drainage systems on town roads, 8,000 regulatory and non-regulatory signs on town roads and street signs on private roads, and over 48,500 feet of guardrail. It also performs emergency repairs to

## Keeping the traveled ways safe

### **RECENT ACCOMPLISHMENTS**

- The Division received and responded to over 2,656 unscheduled work requests from citizens.
- 2. Cleaned over 1,136 catch basins.
- Conducted crack sealing operations on 7.82 miles of town roads throughout town to help preserve roadways.
- 4. Swept over 572 miles of roads and 57 parking lots.
- 5. Mowed 247 miles of road shoulders and picked up litter on 253 miles.
- 6. Maintained 28 traffic and 13 school lights.
- 7. Responded to 48
  Traffic/school light
  malfunctions.
- 8. Installed 10 new drainage systems.
- 9. Repainted 302 stop bars and 107 crosswalks.
- 10. Repainted 190 miles of fog lines Town-wide.
- 11. Repainted 214 miles of center lines Town-wide.
- 12. Removed and installed 1,100 feet of new guardrail.
- 13. Managed 30 snow and ice events, removing over 59.25 inches of snow accumulation, applied 15,128 tons of road salt, 1,145 tons of road sand, and 8,364 gallons of liquid de-icier.
- 14. Continued with the rebuilding of Marsh Trail on Sandy Neck.
- 15. Removed 28 hazardous trees town- wide.

200 miles of private roads, and operates and maintains the Town's only drawbridge. The Division also maintains the DPW fleet of over 150 vehicles including trucks, automobiles, street sweepers, backhoes and everything in-between. The crews are supported by a small office staff which answers the telephones, dispatches, and deals with administrative matters and equipment procurement for the DPW.

### **Roadway Maintenance Program**

The Roadway Maintenance Program is responsible for 250 miles of town roads, 70 miles of town sidewalks, 4 miles of bike paths, 74 town parking lots, 6 bridges and over 4,000 drainage systems on town roads. It also performs emergency repairs to 200 miles of private roads, sweeps town roads and private roads on an emergency basis, grades 91 gravel roads, removes brush and mows 144 lane miles of town road shoulders, and removes litter from 250 miles of town roads. In addition, the division maintains over 8,000 regulatory and non-regulatory signs on town roads and street signs on private roads, maintains and repairs 1,100 feet of guardrails on town roads, and provides pavement marking on town primary roads and parking lots. The Forestry section plants approximately 25 new trees per year and maintains and waters 100 trees per week during the summer months. The bridge crew operates the drawbridge and the courier moves interdepartmental mail, as well as picking up dead animals. The Roadway Maintenance program focuses on our goal of infrastructure maintenance, deals expeditiously with daily complaints, strives to complete the preparations necessary for the following year's roadway resurfacing program and, increasingly, accomplishes construction projects such as drainage improvements. During winter storms, everyone works to keep our roadways passable.

### **Equipment Maintenance Support Program**

The Equipment Maintenance Support Program maintains a 150 unit fleet of vehicles which includes trucks, automobiles, street sweepers, backhoes and everything in-between. We do this for all divisions of the DPW, as well as Marine & Environmental Affairs (including Natural Resources, Animal Control, Sandy Neck and Harbormaster programs), Weights and Measures, Recreation, and the Hyannis Youth & Community Center. The Equipment Maintenance Support Program also maintains 27 traffic signals, 13

school flashers, the Osterville drawbridge, and operates the municipal fueling depot.

### **Snow & Ice Removal Program**

The Snow & Ice Removal Program provides for snow and ice removal from 450 miles of roads comprised of 201 miles of town roads, 49 miles of county roads, 200 miles of private roads, 54 municipal parking areas containing 46 acres, and 70 miles of town sidewalks and four miles of bike paths. The program goal is to remove a large portion of the accumulated snow and ice from its areas of responsibility as quickly as possible. The removal is intended to be of sufficient width and depth to allow the adequately prepared public to travel at reduced speeds throughout the town. The Department does not attempt to achieve bare pavement during any storm. The practice is far too expensive and the large quantities of salt required would be detrimental to the environment.

### Fiscal Year 2016 Goals and Objectives

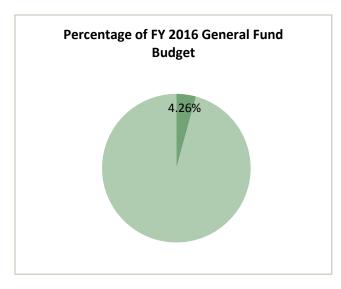
### **Short Term:**

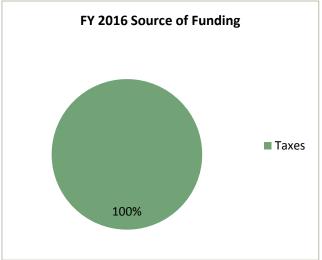
- 1. Upgrade the West Bay Bridge Operators position so the Bridge Operator can perform basic troubleshooting, and at a minimum, get the bridge down allowing traffic to pass while waiting for technical help to arrive.
- 2. Work with DPW Administration to begin to implement the "snow fighter" concept.
- 3. Work with DPW Administration to implement a vehicle GPS system.
- 4. Work to integrate Asset Management into Division activities.
- 5. Initiate the Phase 3 part of the new Highway Division building.

### Long Term:

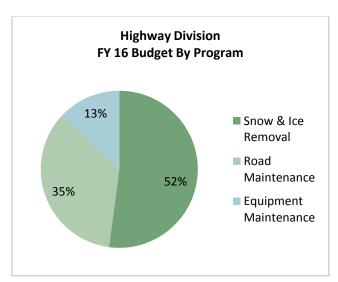
- 1. Work with DPW Administration to investigate the merits of making the Equipment Section its own
- 2. Convert Snow and Ice operations to an all salt operation (removing sand from the operation).
- 3. Continue to stay abreast of the new science and thinking surrounding snow and ice removal. Investigate the option of a liquid salt brine application system.

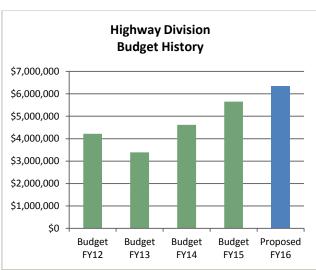
### **Fiscal Year 2016 Division Financial Data**





The Highway Division comprises 4.26% of the overall General Fund budget. Taxes provide 100% of the support for this operation.





The Snow & Ice Removal Program is the largest program area within the Highway Division comprising 52% of the proposed FY16 budget. This budget has increased from \$4.219 million in FY12 to \$6.355 million proposed in FY16, or 50.64% growth rate over the five year period. Snow & Ice deficits have increase 192% over the same five year time period.

	Actual	Approved	Projected	Proposed	Change	Percent
Expenditure Category	FY 2014	FY 2015	FY 2015	FY 2016	FY15 - 16	Change
Personnel	\$ 2,159,139	\$ 2,106,049	\$ 2,482,185	\$ 2,167,073	\$ 61,024	2.90%
Operating Expenses	3,145,038	3,543,884	3,587,609	4,188,617	644,733	18.19%
Total Appropriation	5,304,176	5,649,933	6,069,794	6,355,690	705,757	12.49%
Employee Benefits Allocation:						
Life Insurance	221		238			
Medicare	27,598		29,520			
Health Insurance	124,554		125,687			
County Retirement	355,227	•	366,119	_		
Total Employee Benefits (1)	507,599		521,564	-		
Total Expenditures Including Benefits	\$ 5,811,776	:	\$ 6,591,358	:		
Full-time Equivalent Employees	37.50	37.50		37.50	0.00	
Source of Funding						
Taxes	\$ 3,958,493	\$ 3,630,866	\$ 4,050,727	\$ 3,644,690	\$ 13,824	0.38%
General Fund Reserves	1,345,683	2,019,067	2,019,067	2,711,000	691,933	34.27%
Total Sources	\$ 5,304,176	\$ 5,649,933	\$ 6,069,794	\$ 6,355,690	\$705,757	12.49%

(1) Employee benefits are not included in the department's appropriation and are allocated for informational purposes only.

### **Summary of Significant Budget Changes**

The FY16 proposed budget is increasing \$705,757 or 12.49%. Personnel costs are increasing \$61,024. This includes \$4,000 for the state mandatory minimum wage increase as well as funds for all contractual obligations. There are no changes proposed in staffing levels. Operating expenses are increasing \$644,733 due to snow removal costs incurred in FY15 that are added to the FY16 budget. Savings on gasoline and diesel contracts of \$64,000 mitigate some of this cost increase. There is additional funding of \$16,800 for vehicle repairs and maintenance.

Tax support is increasing \$13,824 to fund the increase in the budget. General Fund reserves of \$2,711,000 will be used to cover the snow removal deficit from the prior fiscal year.

### **Fiscal Year 2016 Program Financial Data**

### **Roadway Maintenance Program**

	Actual	1	Approved	F	Projected	F	Proposed	Change	Percent
Expenditure Category	FY 2014		FY 2015		FY 2015		FY 2016	FY15 - 16	Change
Personnel	\$ 1,400,575	\$	1,584,130	\$	1,516,408	\$	1,603,788	\$19,658	1.24%
Operating Expenses	466,819		606,814		521,860		606,814		0.00%
Total Appropriation	1,867,394		2,190,944		2,038,268		2,210,602	19,658	0.90%
Employee Benefits Allocation:									
Life Insurance	176				196				
Medicare	18,342				17,228				
Health Insurance	89,359				87,180				
County Retirement	329,715				298,229	_			
Total Employee Benefits (1)	437,592	•			402,832	•			
Total Expenditures Including Benefits	\$ 2,304,986			\$	2,441,100				
Full-time Equivalent Employees	29.75		29.75				29.75	0.00	
Source of Funding									
Taxes	\$ 1,867,394	\$	2,190,944	\$	2,038,268	\$	2,210,602	\$19,658	0.90%
Total Sources	\$ 1,867,394	\$	2,190,944	\$	2,038,268	\$	2,210,602	\$19,658	0.90%

<sup>(1)</sup> Employee benefits are not included in the department's appropriation and are allocated for informational purposes only.

### **Equipment Maintenance Support Program**

Expenditure Category	Actual FY 2014			pproved FY 2015	rojected FY 2015		roposed FY 2016	Change FY15 - 16	
Personnel	\$	434,901	\$	441,919	\$ 436,431	\$	483,285	\$41,366	9.36%
Operating Expenses		392,492		398,003	454,004		350,803	(47,200)	-11.86%
Total Appropriation		827,393		839,922	890,435		834,088	(5,834)	-0.69%
Employee Benefits Allocation:									
Life Insurance		31			32				
Medicare		5,098			5,271				
Health Insurance		29,688			32,000				
County Retirement		25,512			67,890				
Total Employee Benefits (1)		60,329			105,193	•			
Total Expenditures Including Benefits	\$	887,723	•		\$ 995,627	ı			
Full-time Equivalent Employees		7.75		7.75			7.75	0.00	
Source of Funding									
Taxes	\$	827,393	\$	839,922	\$ 890,435	\$	834,088	\$ (5,834)	-0.69%
Total Sources	\$	827,393	\$	839,922	\$ 890,435	\$	834,088	\$ (5,834)	-0.69%

<sup>(1)</sup> Employee benefits are not included in the department's appropriation and are allocated for informational purposes only.

### **Snow & Ice Removal Program**

Expenditure Category	Actual FY 2014	,	Approved FY 2015	ı	Projected FY 2015	1	Proposed FY 2016		nange 15 - 16	Percent Change
Personnel	\$ 323,663	\$	80,000	\$	529,346	\$	80,000	\$	-	0.00%
Operating Expenses	2,285,726		2,539,067		2,611,745		3,231,000	6	91,933	27.25%
Total Appropriation	2,609,389		2,619,067		3,141,091		3,311,000	6	91,933	26.42%
Source of Funding										
Taxes	\$ 1,263,706	\$	600,000	\$	1,122,024	\$	600,000	\$	-	0.00%
General Fund Reserves	 1,345,683		2,019,067		2,019,067		2,711,000	6	91,933	34.27%
Total Sources	\$ 2,609,389	\$	2,619,067	\$	3,141,091	\$	3,311,000	\$6	91,933	26.42%

<sup>(1)</sup> Employee benefits are not included in the department's appropriation and are allocated for informational purposes only.

### **Structures & Grounds Division**

### Mission Statement

The mission of the Structures & Grounds Division is to protect, enhance and maintain the Town's buildings, parks, cemeteries, marinas, recreational and community facilities, and resources. We strive to accomplish this in a manner that maximizes safety, life, utility and enhances the Town's unique environmental and aesthetic qualities. Our goal is to construct, renovate and maintain our facilities in the most responsive and cost effective manner without diminishing the quality we seek to implement. We place high priority on energy efficiency and conservation, the possibility of energy generation and the use of renewable energy in all projects if possible.

### Administration Building Maintenance Program Grounds Maintenance Program Technical Program Cemeteries Program Custodial Program

### **Description of Program Services Provided**

### **Administration Program**

This program has the responsibility for the management of the Division's overall operations and personnel. This team is responsible for the preparation and administration of the Division's operating and capital project budgets, the processing of invoices for payment, personnel, procurement, utility usage,

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### **RECENT ACCOMPLISHMENTS**

- 1. Completed multiple capital roofing projects.
- 2. Started the Marstons Mills
  Airport Windmill Restoration
  Project.
- Completed Phase One pipe insulation for School Administration Building.
- Completed interior and exterior renovations at 50 Pearl Street, 46 Pearl Street, and Old Selectman's Building.
- Completed Phase Two of Town Clerk's Office Renovations.
- Completed 533 grounds related landscape improvement projects.
- 7. Completed 259 building maintenance and repair work orders and provided painting services.
- 8. Completed 185 HVAC related service calls and equipment upgrade work orders.
- Completed 197electrical related service and repair work orders.
- 10. Completed 148 plumbing related service work orders.
- 11. Completed 82 phone service and hardware relocation work orders.
- 12. Completed re-siding of the Airport hangar and office building at Marstons Mills Airport.

telecommunications and implementing/monitoring energy conservation measures.

### **Grounds Maintenance Program**

The Grounds Maintenance Program provides maintenance, beautification, and improvements for 52 acres of municipal grounds. This includes 12 parks, 49 traffic islands, 29 memorial islands, 21 facilities grounds, 3 playgrounds, 6 ball fields, 4 tennis courts, 43 ways to water, and 17 beaches. It includes administration of the Town's Adopt-A-Spot program for 47 locations, support to the Conservation Division with conservation land maintenance, support to the Recreation Division with beach raking and building maintenance and support to the Engineering Division with landscaping tasks on specific projects. It also provides support for the division's marina and building maintenance programs and assists the Highway Division with snow and ice control. This program also includes tree care, planting, flowerbeds maintenance, and management of a 20'X48' greenhouse.

### **Building Maintenance Program**

The Building Maintenance Program is responsible for emergency and scheduled maintenance/repairs to over 56 municipal buildings including the Town Hall Campus, the Police Department, comfort stations, beach houses, and all Department/Division facilities. This team is comprised of carpenters, plumbers, painters and laborers who work together on repair, renovations and even new construction at municipal facilities. This program assists the Recreation Division with the set-up and removal of beach ramps, ticket booths, and lifeguard stations at all our beaches. This program is also responsible for monitoring, maintenance and repairs, construction and renovation projects for 3 marinas, 6 docks and 17 boat ramps. This section maintains, replaces and constructs new pilings, 12,000 sq. ft. of floats and 14 ramps. They perform the seasonal installation and removal of these floats. Additionally, this team provides support to the Highway Division for snow & ice control and the Town Clerk for all elections.

### **Custodial Program**

The Custodial Program provides janitorial services for 6 municipal office buildings, four comfort stations, three community buildings, one cemetery office and the Barnstable Police Station facility. Cleaning schedules provide daily routine maintenance including

floor care, dusting, restroom cleaning and sanitation, trash removal, recycling, and all associated cleaning activities. The custodial staff is also responsible for purchasing, inventory and distribution of all cleaning supplies in support of municipal facilities and recreational programs at fourteen beach buildings. Additional services include building security, safety inspections, meeting se-tup, special events support, interior painting, walkway de-icing, and preventive maintenance tasks.

### **Technical Program**

The Technical Program team consists of a licensed electrician and HVAC technician who are responsible for the electrical, heating, air conditioning and ventilating systems throughout the Town. They respond to problem calls, troubleshoot, repair and maintenance, and install equipment throughout our facilities. This team is very concerned with safety, energy efficiency and comfort levels. This program gives support to the Information Technology Division through their data network wiring capabilities. They also provide support to the Highway Division to help light up the Village Green, Bismore Park, and the Airport Rotary with a colorful Christmas display of lights.

### **Cemeteries Program**

The Cemeteries Program provides maintenance, beautification, and improvements for 81 acres of municipal cemetery grounds. This program includes full responsibility for the operation, maintenance and care of fourteen town cemeteries, office building and maintenance garage. The section provides preventive maintenance and repair of all grounds and interment services equipment. It provides scheduling, coordination and supervision of funeral services and interment excavation services for approximately 225 burials annually; installation of burial vaults, monument foundations, and marker setting. Maintains accurate records systems data base, cemetery lot mapping, and lot sales support; restores ancient headstones as time and resources permit, and expansion of raw land for future lot development. Additionally, it provides support to the Highway Division with snow & ice control.

### **Fiscal Year 2016 Goals and Objectives**

### **Short Term:**

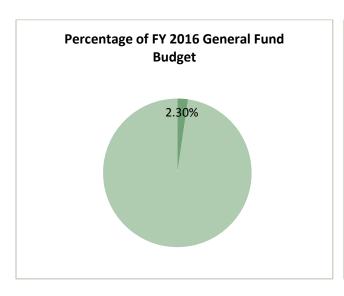
- 1. Working with DPW Administration, consolidate, and find efficiencies, with municipal trash pick-up in Town.
- 2. Reorganize the Building Section.
- 3. Implement a Ball Field Maintenance Crew within the Grounds Section.
- 4. Reorganize the Custodial Section.
- 5. Shift Beach Raking to a seasonal employee.

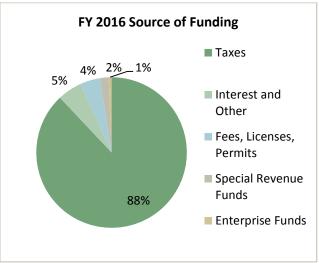
### Long Term:

- 1. Continue to investigate feasibility and associated cost savings by broadening the use of solar trash compactors throughout town.
- 2. Develop and promote a facilities energy use policy for all Town Departments. Continue to bring forward energy conservation and generation measures throughout our municipal facilities.

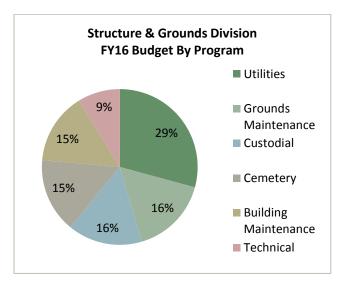
3. Continue to establish a preventive maintenance program for all municipal facilities under management. This program will place an emphasis on reducing mechanical failures by providing scheduled preventive maintenance procedures. This effort will allow the division to stock common replacement parts, identify major repairs, insure reliability of our systems and reduce maintenance and operating costs.

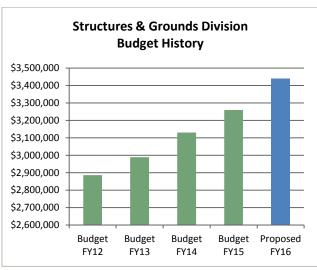
### Fiscal Year 2016 Division Financial Data





The Structures & Grounds comprises 2.3% of the overall General Fund budget. Taxes provide 88% of the support for this operation.





The Utilities is the largest program area within the Structures & Grounds Division comprising 29% of the proposed FY16 budget. This budget has increased from \$2.886 million in FY12 to \$3.439 million proposed in FY16, or 19.16% over the five year period.

	Actual	Approved	Projected	Proposed	Change	Percent
Expenditure Category	FY 2014	FY 2015	FY 2015	FY 2016	FY15 - 16	Change
Personnel	\$ 1,889,497	\$ 2,129,203	\$ 2,022,870	\$ 2,301,525	\$172,322	8.09%
Operating Expenses	1,156,925	1,131,002	1,195,428	1,138,002	7,000	0.62%
Total Appropriation	3,046,423	3,260,205	3,218,298	3,439,527	179,322	5.50%
Employee Benefits Allocation:						
Life Insurance	219		220			
Medicare	22,251		23,103			
Health Insurance	134,055		139,081			
County Retirement	323,457	_	337,701			
Total Employee Benefits (1)	479,982	_	500,105			
Total Expenditures Including Benefits	\$ 3,526,404		\$ 3,718,403			
Total Experience of melaum, general	<del> </del>	=	<del> </del>	:		
Full-time Equivalent Employees	34.10	34.10		35.10	1.00	
Source of Funding						
Taxes	\$ 2,797,927	\$ 3,031,360	\$ 2,854,156	\$ 3,026,082	\$ (5,278)	-0.17%
Fees, Licenses, Permits	161,190	144,000	168,432	149,000	5,000	3.47%
Interest and Other	2,487	-	110,865	179,600	179,600	0.00%
Special Revenue Funds	63,474	63,500	63,500	63,500	-	0.00%
Enterprise Funds	21,345	21,345	21,345	21,345		0.00%
Total Sources	\$ 3,046,423	\$ 3,260,205	\$ 3,218,298	\$ 3,439,527	\$179,322	5.50%

<sup>(1)</sup> Employee benefits are not included in the department's appropriation and are allocated for informational purposes only.

### **Summary of Significant Budget Changes for Division**

The FY16 proposed budget is increasing \$179,322 or 5.5%. Personnel costs are increasing \$172,322. This includes all contractual obligations, seasonal wages for a new athletic field maintenance crew and funds for the state mandatory minimum wage increases. In addition, \$49,000 for the athletic field maintenance foreman is included.

Operating expenses are increasing by a net amount of \$7,000. There is funding support for the athletic field maintenance crew of \$10,000, solid waste disposal of \$15,000 and sewer fees of \$3,000. Electricity costs are reduces by \$12,000 for the renewable energy project at the Senior Center.

Renewable energy revenue sources will contribute the large change to source of funds. This will reduce the tax support by \$5,278 in the budget.

### **Fiscal Year 2016 Program Financial Data**

### **Grounds Maintenance Program**

	Actual		Approved		P	Projected	P	roposed	Change	Percent
Expenditure Category		FY 2014		FY 2015		FY 2015		FY 2016	FY15 - 16	Change
Personnel	\$	331,334	\$	389,816	\$	373,658	\$	474,903	\$85,087	21.83%
Operating Expenses		67,748		73,033		71,683		82,433	9,400	12.87%
Total Appropriation		399,082		462,849		445,341		557,336	94,487	20.41%
Employee Benefits Allocation:										
Life Insurance		51				53				
Medicare		3,667				4,593				
Health Insurance		14,593				16,000				
County Retirement		77,339	_			48,951	_			
Total Employee Benefits (1)		95,650	-			69,597	-			
Total Expenditures Including Benefits	\$	494,733			\$	514,938	•			
Full-time Equivalent Employees		5.00		5.00	]			6.00	1.00	]
Source of Funding	_									
Taxes	\$	314,263	\$	378,004	\$	360,496	\$	472,491	\$94,487	25.00%
Special Revenue Funds		63,474		63,500		63,500		63,500	-	0.00%
Enterprise Funds		21,345		21,345		21,345		21,345		0.00%
Total Sources	\$	399,082	\$	462,849	\$	445,341	\$	557,336	\$94,487	20.41%

<sup>(1)</sup> Employee benefits are not included in the department's appropriation and are allocated for informational purposes only.

### **Building Maintenance Program**

Expenditure Category	Actual FY 2014		pproved FY 2015		rojected FY 2015		Proposed FY 2016	Change FY15 - 16	Percent Change
Personnel	\$ 250,748	\$	292,285	\$	283,748	\$	407,866	\$115,581	39.54%
Operating Expenses	144,916		105,200		109,562		101,700	(3,500)	-3.33%
Total Appropriation	 395,665		397,485		393,310		509,566	112,081	28.20%
Employee Benefits Allocation:									
Life Insurance	33				36				
Medicare	2,688				2,888				
Health Insurance	23,711				25,500				
County Retirement	28,409				64,217				
Total Employee Benefits (1)	54,841	-			92,641	-			
Total Expenditures Including Benefits	\$ 450,506	•		\$	485,951	=			
Full-time Equivalent Employees	7.00		7.00	]			7.00	0.00	
Source of Funding									
Taxes	\$ 393,965	\$	397,485	\$	393,116	\$	509,566	\$112,081	28.20%
Interest and Other	1,700		-		195		-		0.00%
Total Sources	\$ 395,665	\$	397,485	\$	393,310	\$	509,566	\$112,081	28.20%

<sup>(1)</sup> Employee benefits are not included in the department's appropriation and are allocated for informational purposes only.

### **Technical Program**

	Actual	A	pproved	Pi	rojected	P	roposed	Change	Percent
Expenditure Category	 FY 2014		FY 2015	- 1	Y 2015		FY 2016	FY15 - 16	Change
Personnel	\$ 228,438	\$	238,218	\$	223,258	\$	196,215	\$ (42,003)	-17.63%
Operating Expenses	 111,468		106,195		103,508		106,195		0.00%
Total Appropriation	339,906		344,413		326,766		302,410	(42,003)	-12.20%
Employee Benefits Allocation:									
Life Insurance	23				12				
Medicare	3,125				2,596				
Health Insurance	14,392				14,089				
County Retirement	12,252				36,065				
Total Employee Benefits (1)	29,792	-			52,762				
Total Expenditures Including Benefits	\$ 369,698	=		\$	379,528	=			
Full-time Equivalent Employees	3.00		3.00	]			3.00	0.00	]
Source of Funding									
Taxes	\$ 339,906	\$	344,413	\$	326,766	\$	302,410	\$ (42,003)	-12.20%
Total Sources	\$ 339,906	\$	344,413	\$	326,766	\$	302,410	\$ (42,003)	-12.20%

<sup>(1)</sup> Employee benefits are not included in the department's appropriation and are allocated for informational purposes only.

### **Cemeteries Program**

Expenditure Category	Actual Y 2014		pproved FY 2015		rojected FY 2015		roposed FY 2016	Change FY15 - 16	Percent Change
Personnel	\$ 448,125	\$	464,673	\$	457,687	\$	481,675	\$17,002	3.66%
Operating Expenses	44,830		49,923		56,359		49,923	-	0.00%
Total Appropriation	492,955		514,596		514,046		531,598	17,002	3.30%
Employee Benefits Allocation:									
Life Insurance	32				36				
Medicare	6,021				5,798				
Health Insurance	27,181				28,570				
County Retirement	 25,392	_			79,224				
Total Employee Benefits (1)	 58,625				113,628	-			
Total Expenditures Including Benefits	\$ 551,581	3		\$	627,674	=			
Full-time Equivalent Employees	8.00		8.00	]			8.00	0.00	
Source of Funding									
Taxes	\$ 331,765	\$	370,596	\$	345,614	\$	382,598	\$12,002	3.24%
Fees, Licenses, Permits	 161,190		144,000		168,432		149,000	5,000	3.47%
Total Sources	\$ 492,955	\$	514,596	\$	514,046	\$	531,598	\$17,002	3.30%

 $<sup>(1) \</sup> Employee \ benefits \ are \ not \ included \ in \ the \ department's \ appropriation \ and \ are \ allocated \ for \ informational \ purposes \ only.$ 

### **Administration Program**

	Actual	A	Approved	ı	Projected	ı	Proposed	Chang		Percent
Expenditure Category	FY 2014		FY 2015		FY 2015		FY 2016	FY15 -	16	Change
Personnel	\$ 273,302	\$	320,962	\$	278,862	\$	288,274	\$ (32,0	588)	-10.18%
Operating Expenses	 701,367		715,601		741,527		716,701	1,:	100	0.15%
Total Appropriation	 974,669		1,036,563		1,020,389		1,004,975	(31,	588)	-3.05%
Employee Benefits Allocation:										
Life Insurance	12				12					
Medicare	3,365				3,407					
Health Insurance	35,668				36,022					
County Retirement	120,374				54,744					
Total Employee Benefits (1)	159,419				94,185					
		_								
Total Expenditures Including Benefits	\$ 1,134,088			\$	1,114,575					
		-				=				
Full-time Equivalent Employees	4.10		4.10	]			4.10		0.00	
				•						
Source of Funding										
Taxes	\$ 973,882	\$	1,036,563	\$	909,719	\$	825,375	\$(211,	188)	-20.37%
Interest and Other	787		-		110,670		179,600	179,0	500	0.00%
Total Sources	\$ 974,669	\$	1,036,563	\$	1,020,389	\$	1,004,975	\$ (31,	588)	-3.05%

<sup>(1)</sup> Employee benefits are not included in the department's appropriation and are allocated for informational purposes only.

### **Custodial Program**

Expenditure Category	Actual Y 2014		pproved FY 2015	rojected FY 2015		roposed FY 2016	Change FY15 - 16	
Personnel	\$ 357,550	\$	423,249	\$ 405,656	\$	452,592	\$29,343	6.93%
Operating Expenses	86,596		81,050	112,788		81,050	-	0.00%
Total Appropriation	 444,145		504,299	518,444		533,642	29,343	5.82%
Employee Benefits Allocation:								
Life Insurance	67			72				
Medicare	3,385			3,821				
Health Insurance	18,510			18,900				
County Retirement	59,691			54,500				
Total Employee Benefits (1)	81,654			77,293	-			
Total Expenditures Including Benefits	\$ 525,799	•		\$ 595,737	=			
Full-time Equivalent Employees	7.00		7.00			7.00	0.00	
Source of Funding								
Taxes	\$ 444,145	\$	504,299	\$ 518,444	\$	533,642	\$29,343	5.82%
Total Sources	\$ 444,145	\$	504,299	\$ 518,444	\$	533,642	\$29,343	5.82%

<sup>(1)</sup> Employee benefits are not included in the department's appropriation and are allocated for informational purposes only.

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