

DEPARTMENT OF PUBLIC WORKS

The mission of the Department of Public Works is to deliver essential services necessary to sustain and protect the health and safety of the City residents.

The Department provides a wide array of services, including once a week recycling and once a week residential solid waste collection, treatment and distribution of high-quality drinking water, collection and treatment of sewage, storm water management, sweeping of all City streets, street paving and repairs, maintenance of traffic signs and signals, line striping, rodent control, snow removal, and maintenance of the City fleet and City properties.

To fulfill the mission, contact is maintained with numerous State, Federal, and regional agencies including DelDOT, DNREC, Delaware Solid Waste Authority, New Castle County Water Resources Agency, New Castle Conservation District, Department of Public Health, Delaware River Basin Commission, and the U.S. Environmental Protection Agency.

PRIORITIES FOR FISCAL YEAR 2016

- Startup of Wilmington Co-Generation and Sludge Processing Facilities and begin operations.
- Assess impact of Real time Control System to mitigate CSO's.
- Update CSO Long Term Control Plan.
- Continued implementation of GIS and Cityworks programs with focus on CMMS.
- Increase contractor compliance with the Roadway Cut Management legislation.
- Implementation of Cityworks permitting package with integration of L&I, FMO and Planning Departments.
- Continue hydrant testing and rehabilitation program.
- Continue valve exercising and valve repair program.
- Continue SRF funded small main replacement projects throughout the water district.
- Continue SRF funded Transmission Main Improvements throughout the water district.
- Begin the rehabilitation of the Brandywine Headgates and Raceway.
- Wilmington Transit Moving Forward (WTMF) Program Development Phase 2.
- Further optimize signal-timing using counts from downtown circulation study.
- Provide ongoing coordination for our photo-enforcement programs. Select new Red Light Camera vendor.
- Use GIS data for cost-effective LED signal retrofits and DPL street light conversions. Coordinate constituent use of iFactor for seamless reporting of outages.
- Coordinate signal tie-ins with ACS, to install up to ten (10) new Red Light Cameras
- Begin construction of WWTP Fine Screen Buildings Concrete Improvements.
- Complete construction of Sewer Separation Project in the vicinity of Kentmere and Union Street.
- Continue program of repairing and painting elevated water storage tanks.
- Complete engineering work on the design of separate flow meters on the three force mains entering the wastewater treatment plant.
- Continue program of testing and replacing large water meters.
- Begin phased program to replace small water meters.
- Implementation of city-wide residential containerized municipal solid waste (MSW) containers.

SUMMARY OF FUNDING FOR THE DEPARTMENT OF PUBLIC WORKS

TOTAL ALL FUNDS*	ACTUAL	ACTUAL	BUDGET	PROPOSED
DEPARTMENT OF PUBLIC WORKS	FY 2013	FY 2014	FY 2015	FY 2016
Personal Services	16,169,065	15,817,921	16,667,501	17,120,053
Materials, Supplies & Equipment	49,787,055	49,922,048	53,926,037	55,457,353
Internal Services	5,305,400	6,618,457	6,196,720	6,352,654
Debt Service	12,486,597	9,562,861	10,493,567	12,325,594
Capitalization	(5,648,741)	(1,678,716)	(3,200,000)	(3,200,000)
Depreciation	10,730,928	11,034,351	10,730,930	11,034,351
TOTAL	88,830,304	91,276,922	94,814,755	99,090,005
STAFFING LEVELS	226.00	224.00	223.00	223.00

GENERAL FUND	ACTUAL	ACTUAL	BUDGET	PROPOSED
DEPARTMENT OF PUBLIC WORKS	FY 2013	FY 2014	FY 2015	FY 2016
Personal Services	8,514,550	8,550,018	8,714,735	8,969,363
Materials, Supplies & Equipment	6,303,857	6,331,982	7,112,150	7,496,673
Internal Services	2,765,241	3,219,245	3,265,356	3,350,074
Debt Service	6,297,594	3,498,747	3,686,090	4,146,820
TOTAL	23,881,242	21,599,992	22,778,331	23,962,930
STAFFING LEVELS	122.65	122.40	120.65	120.65

WATER/SEWER FUND	ACTUAL	ACTUAL	BUDGET	PROPOSED
DEPARTMENT OF PUBLIC WORKS	FY 2013	FY 2014	FY 2015	FY 2016
Personal Services	7,654,515	7,267,903	7,952,766	8,150,690
Materials, Supplies & Equipment	32,886,532	36,872,425	38,220,830	39,657,156
Internal Services	2,291,796	2,950,302	2,702,183	2,767,469
Debt Service	5,965,399	5,832,865	6,531,955	7,956,708
Depreciation	7,685,779	7,885,446	7,685,779	7,885,446
TOTAL	56,484,021	60,808,941	63,093,513	66,417,469
STAFFING LEVELS	103.35	101.60	102.35	102.35

*Differs from Summary of All Funds combined – Expenditures table on page 7 due to inclusion of Internal Services funds.

MOTOR VEHICLE FUND	ACTUAL	ACTUAL	BUDGET	PROPOSED
DEPARTMENT OF PUBLIC WORKS	FY 2013	FY 2014	FY 2015	FY 2016
Materials, Supplies & Equipment	9,612,813	5,649,238	7,514,200	7,224,667
Internal Services	248,363	448,910	229,181	235,111
Debt Service	223,604	231,249	275,522	222,066
Capitalization	(5,648,741)	(1,678,716)	(3,200,000)	(3,200,000)
Depreciation	3,045,149	3,148,905	3,045,151	3,148,905
TOTAL	7,481,188	7,799,586	7,864,054	7,630,749
STAFFING LEVELS	0.00	0.00	0.00	0.00

MUNICIPAL STREET AID FUND	ACTUAL	ACTUAL	BUDGET	PROPOSED
DEPARTMENT OF PUBLIC WORKS	FY 2013	FY 2014	FY 2015	FY 2016
Materials, Supplies & Equipment	983,853	1,068,403	1,078,857	1,078,857
TOTAL	983,853	1,068,403	1,078,857	1,078,857
STAFFING LEVELS	0.00	0.00	0.00	0.00

**MAJOR FUNDING CHANGES FROM PRIOR YEAR
GENERAL FUND**

- In total, Personal Services increased by \$254,628. Regular Salaries rose by \$129,866 as a result of the Biennial Classification Appeals Process that affected 45.35 FTE positions, along with normally occurring salary step increases. Pensions and Pension Healthcare increased by \$72,511 and \$27,158 respectively.
- In FY 2016, the City will begin a four-year phase-in to appropriately charge itself for water, sewer, and stormwater services used by Departments. The General Fund will pay 25% of these costs in FY 2016, 50% in FY 2017, 75% in FY 2018, and 100% in FY 2019 and beyond. Starting with a base fee of \$1.1 million, the 25% charge for FY 2016 is \$263,615, and is budgeted in Utilities.
- Parking Fees decreased by \$20,000 due to rental revenue received by the City from Colonial Parking that was netted against costs.
- Repairs to Roads increased by \$20,000 because of an increase in weather-related damages.
- Consultant Fees decreased by \$50,000, because the one-time implementation support for residential containerized municipal solid waste and commercial recycling used in FY 2015 is not needed in FY 2016.
- Temporary Agencies increased \$13,000 for additional laborers to support street maintenance, pothole repairs, and sidewalk installation.
- Due to the closing of the Peninsula Compost Facility, yard waste and leaves will now be sent to Cherry Island Landfill. This will increase the annual tonnage of waste, resulting in an increased tipping fee cost of \$131,400.
- Wearing Apparel and Safety increased by \$25,500 to purchase safety new supplies, shoes, maintenance, and repair of uniforms for personnel in the following divisions: Street Maintenance, Street Cleaning, and Rubbish Collection.
- Debt Service increased \$460,730 due to increases in existing debt service and new debt service payments related to the upcoming bond issuance.

**MAJOR FUNDING CHANGES FROM PRIOR YEAR
WATER/SEWER FUND**

- In total, Personal Services increased by \$197,924. Regular Salaries rose by \$66,023, as a result of the Biennial Classification Appeals that affected 13.65 FTE positions, along with normally occurring salary step increases. Pension, Pension Healthcare and Overtime increased by \$35,358, \$23,017 and \$58,500 respectively.
- While the use of block pricing and the pumping of water during off-peak hours lowered the City's overall electricity costs, recent spikes in the energy spot market continue to erode some of those savings. As a result, electricity cost was increased \$131,600.
- Fuel Oil decreased by \$50,000, reflecting expected savings in energy costs.
- In FY 2016, the City will begin a four-year phase-in to appropriately charge itself for water, sewer, and stormwater services used by Departments in the Water Sewer Fund. Starting with a base fee of \$233,592, the initial 25% charge for FY 2016 is \$58,398.

MAJOR FUNDING CHANGES FROM PRIOR YEAR (Continued)
WATER/SEWER FUND

- A need to replace small meters, and maintenance for pumps and valves resulted in an increase of \$22,500 to Repairs to Equipment.
- Repairs to Building and Structures increased by \$40,000, due to higher costs for maintaining Cool Spring Park, parking lots, sidewalks, and driveways.
- Repairs to Water Lines increased by \$437,000 to fund a comprehensive valve replacement and repair program.
- A \$100,000 pilot program for the inspection of non-interceptor branch sewer lines and laterals was added to the budget in the Condition Assessment Account. The cost of the pilot is split 40% in the Sewer Maintenance Division and 60% in the Stormwater Division.
- After bids came in well above the FY 2015 budget, the concrete repairs to the Wastewater Treatment Plant's fine screen buildings were delayed. The projected total cost of the project has risen by \$320,000, to a new total of \$1.2 million. However, the full impact to the FY 2016 budget will be blunted somewhat because \$130,000 of the associated engineering services will be done and paid for in FY 2015. It is also important to note that as part of an arbitration settlement, New Castle County will reimburse the City 87.25% of the final cost of the project.
- As the Department continues to rely more heavily on its own internal resources, Consultants cost decreased \$26,000.
- There was a \$448,143 increase in the Contracted Maintenance Services account that is split among the Water System, Wastewater Treatment, and Stormwater Divisions. In the Water System Division, additional funding of \$150,000 is required for the comprehensive water tank inspection, maintenance, and repainting program. There was also a \$137,000 increase for fire hydrant testing, maintenance, and repair. Split between the Wastewater Treatment and Stormwater Divisions, there was an increase of \$143,600 in the Veolia contract to operate and maintain the City's Sewer Treatment Plant.
- Grass cutting, maintenance, garden supplies, and tree removal at Water System Division sites increased the Agricultural and Landscaping account by \$35,000.
- Misc. Supplies and Parts increased by \$30,000 to cover the cost of the annual contract for the replacement of fire hydrants, valve box covers, curb-stops, bushings, copper tubing and pipes.
- Debt Service increased by \$1,424,753, reflecting the interest cost of new bonds and State Revolving Loan funds that will finance critical water, sewer, and stormwater infrastructure projects in the FY 2014-2015 Capital budget.
- Recently completed capital projects of extraordinary scope and price, such as the Cool Spring Reservoir project, raising the level of Hoopes Dam, and the Real Time Control system have greatly increased the fixed asset value of the Water/Sewer Fund, resulting in a \$199,667 increase in depreciation expense.

MAJOR FUNDING CHANGES FROM PRIOR YEAR MOTOR VEHICLE FUND
<ul style="list-style-type: none">• Motor Fuels and Lubricants decreased by \$292,000, reflecting expected savings for energy costs.• Contracted Maintenance Services increased by \$16,367, due to increases in motor vehicle fleet maintenance.• Depreciation, based on a revised and more accurate asset inventory list, increased \$103,754.