

DEPARTMENT OF PUBLIC WORKS

The mission of the Department of Public Works is to operate and maintain infrastructure and facilities, provide superior services for our customers, and promote environmental sustainability.

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 2018

- Startup of Wilmington Co-Generation and Sludge Processing Facilities and begin operations.
- Begin preparation of RFP for long term operation of the WWTP.
- Continue development of the South Wilmington Wetlands Project.
- 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.
- 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.
- 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.
- Continue phased program to replace small water meters.
- Implementation of city-wide residential containerized municipal solid waste (MSW) containers.
- Study the impact of a comprehensive street clearing program.

SUMMARY OF FUNDING FOR THE DEPARTMENT OF PUBLIC WORKS

TOTAL ALL FUNDS*	ACTUAL	ACTUAL	BUDGET	PROPOSED
DEPARTMENT OF PUBLIC WORKS	FY 2015	FY 2016	FY 2017	FY 2018
Personal Services	16,082,156	17,312,330	18,062,556	18,542,757
Materials, Supplies & Equipment	48,878,819	52,523,441	59,139,552	56,867,182
Internal Services	8,054,210	5,639,131	6,411,665	6,481,177
Debt Service	8,317,700	9,764,648	10,251,151	10,096,698
Capitalization	(2,229,518)	(4,527,262)	(3,500,000)	(3,500,000)
Depreciation	11,081,186	11,236,528	11,034,351	10,864,481
TOTAL	90,184,553	91,948,816	101,399,275	99,352,295
STAFFING LEVELS	223.00	223.00	221.00	219.00

GENERAL FUND	ACTUAL	ACTUAL	BUDGET	PROPOSED
DEPARTMENT OF PUBLIC WORKS	FY 2015	FY 2016	FY 2017	FY 2018
Personal Services	8,608,772	9,096,145	9,500,170	9,735,342
Materials, Supplies & Equipment	6,220,979	6,943,899	7,918,564	7,737,948
Internal Services	3,982,356	3,202,929	3,353,692	3,440,995
Debt Service	3,319,850	3,837,339	3,967,967	3,575,265
TOTAL	22,131,957	23,080,312	24,740,393	24,489,550
STAFFING LEVELS	120.65	120.65	120.15	118.15

WATER/SEWER FUND	ACTUAL	ACTUAL	BUDGET	PROPOSED
DEPARTMENT OF PUBLIC WORKS	FY 2015	FY 2016	FY 2017	FY 2018
Personal Services	7,473,384	8,216,185	8,562,386	8,807,415
Materials, Supplies & Equipment	36,103,322	36,582,943	42,945,029	40,531,469
Internal Services	3,338,790	2,105,853	2,819,064	2,798,691
Debt Service	4,833,333	5,828,772	6,100,228	6,328,954
Depreciation	7,945,975	8,007,932	7,885,446	7,635,885
TOTAL	59,694,804	60,741,685	68,312,153	66,102,414
STAFFING LEVELS	102.35	102.35	100.85	100.85

*Differs from Summary of All Funds combined – Expenditures table on page 8 due to inclusion of Internal Services funds.

MOTOR VEHICLE FUND	ACTUAL	ACTUAL	BUDGET	PROPOSED
DEPARTMENT OF PUBLIC WORKS	FY 2015	FY 2016	FY 2017	FY 2018
Materials, Supplies & Equipment	5,731,205	8,004,151	7,205,794	7,527,600
Internal Services	733,064	330,349	238,909	241,491
Debt Service	164,517	98,537	182,956	192,479
Capitalization	(2,229,518)	(4,527,262)	(3,500,000)	(3,500,000)
Depreciation	3,135,211	3,228,596	3,148,905	3,228,596
TOTAL	7,534,479	7,134,371	7,276,564	7,690,166
STAFFING LEVELS	0.00	0.00	0.00	0.00

MUNICIPAL STREET AID FUND	ACTUAL	ACTUAL	BUDGET	PROPOSED
DEPARTMENT OF PUBLIC WORKS	FY 2015	FY 2016	FY 2017	FY 2018
Materials, Supplies & Equipment	823,313	992,448	1,070,165	1,070,165
TOTAL	823,313	992,448	1,070,165	1,070,165
STAFFING LEVELS	0.00	0.00	0.00	0.00

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

- In Personal Services, a net 2.00 FTE were deleted, both from the Street Cleaning Division. The elimination of the vacant positions of General Laborer II and an Equipment Operator IV, and an upgrade of the ITMS Senior Technician from the FY 2017 Biennial Classification Appeal resulted in a savings of \$132,698.
- Cost of living adjustments and employee anniversary step increases were offset by the savings of two eliminated positions resulting in a \$7,460 decrease in Regular Salaries. Hospitalization and Pension Healthcare increased by \$161,439 and \$31,127, respectively.
- Electricity costs decreased by \$100,000, signaling savings from green initiatives implemented over the past several years, such as conversion to LED traffic lights.
- In FY 2016, the City began a four-year phase-in to appropriately charge itself for water, sewer, and stormwater services used by Departments in the General Fund. The General Fund paid 25% of these charges in FY 2016 and 50% in FY 2017. In FY 2018, the charge will be 75%, and then 100% in FY 2019 and beyond. The 75% charge for FY 2018 to the General Fund will cost about \$743,000, an increase of almost \$216,000 from last fiscal year.
- Repairs to Roads and Appurtenances decreased by \$20,000, primarily due to a reduction in the number of emergency sidewalk repairs.
- Temporary Agencies increased \$70,000 for additional laborers to support the gateway cleanup initiative, street maintenance, pothole repairs, and sidewalk installation.
- A number of factors resulted in Landfill Fees being reduced by \$475,000. Last fiscal year, before the new contract with the Delaware Solid Waste Authority (which operates the landfill used by the City) was in place, landfill tipping fees were budgeted at \$85 per ton. The final negotiated amount was settled at \$70 per ton and is reflected in the FY 2018 budget as a savings of \$275,000. In addition, an audit of services revealed 92 non-eligible entities receiving City trash pick-up. Those entities will no longer receive that service in FY 2018. The decrease in trash tonnage as a result will save an additional \$200,000.
- Contracted Maintenance Services is up \$19,000 as a result of increased costs for traffic signal maintenance, red light cameras, and parking meter kiosk maintenance.
- Debt Service decreased by \$392,702. Taking advantage of current low interest rates, two past bond issues were refinanced in FY 2017.

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

- In total, Personal Services increased by \$245,029. Regular Salaries rose by \$63,414 as a result of the Biennial Classification Appeals Process that affected 2.00 FTE positions, along with normally occurring salary step increases and a Cost of Living Adjustment awarded in FY 2017. Hospitalization and Pension Healthcare increased by \$183,790 and \$30,254, respectively.
- As a result of the City's new Renewable Energy Bio-solids Facility (REBF), the electricity and bio-solids disposal cost components of the City's contract with VEOLIA to operate the Wastewater Treatment Plant were renegotiated, allowing a overall reduction to the contract of \$1.2 million
- Fuel Oil decreased by \$65,000, reflecting expected savings for fuel costs.
- A comprehensive multi-year program to replace all small water meters (mostly affecting residential customers with 5/8 inch connections) with new, more accurate and more durable models began in earnest in FY 2017. The goal was to replace at least 6,000 of the old meters per year at a cost of \$1 million each year through the operating budget. A change in fiscal policy with the new Administration will allow the funding of the project through the Capital Budget, accelerating the program so that it is completed within two years. This also allowed the operating budget to be decreased by \$1 million in FY 2018.
- The Agricultural and Landscaping account in the Water System Division of Public Works was decreased by \$230,000. Time and heavy usage of the Cool Spring Reservoir Park had severely degraded the adjacent decorative pond and the buffering landscaping. Public Works had added \$320,000 to the FY 2017 Budget to secure a complete environmental management services contractor to restore the pond to its original condition. That one-time cost was eliminated in FY 2018. However, \$90,000 was added to fund ongoing services to control and manage nutrient levels and sedimentation, maintain the proper ecological balance between flora and fauna, work with regulated aquatic species, and maintain proper winter pond ecology.
- Based on recent pricing trends and better timing of inventory purchases, the budget for Bulk Chemicals (used to treat drinking water) was reduced by \$100,000.
- The Indirect Cost expense to the Water/Sewer Fund rose by \$230,083, reflecting the budgeted increases in the supporting services provided to the Water/Sewer Fund's utility functions by the General Fund.
- Total Debt Service increased a net \$228,450. While direct interest payments rose a total of \$700,740, this was offset by a reduction of \$472,290, which was the combined net effect of changes in the accounts for amortized bond discount, amortized refunding gain, and amortized bond issuance costs.

MAJOR FUNDING CHANGES FROM PRIOR YEAR MOTOR VEHICLE FUND
<ul style="list-style-type: none">• Repairs to Equipment increased by \$75,000, mostly due to the higher cost of repairs to fleet equipment.• Consultant Fees increased by \$90,000, as a result of vacant Contract & Fleet Administrator position.• Contracted Maintenance Services increased by \$163,506, due to increases in motor vehicle fleet maintenance.