

AN ORDINANCE TO ADOPT A CAPITAL PROGRAM FOR THE SIX FISCAL YEARS 2017 – 2022 INCLUSIVE.

WHEREAS, pursuant to the provisions of Wilm. C. (Charter) Sections 2-203, 5-600 and 5-601, at the same time the Mayor submitted the annual operating budget and revenue measures recommended to the Council of the City of Wilmington to balance the operating budget, the Mayor also submitted the proposed capital program and the proposed capital budget with the recommendations of the City Planning Commission, as set forth herein, as recommended by the City Planning Commission at its regular meeting held on March 15, 2016, by its Resolution No. 5-16; and

#4185

Sponsors:

**Council
President
Gregory**

**Council
Member
Freel**

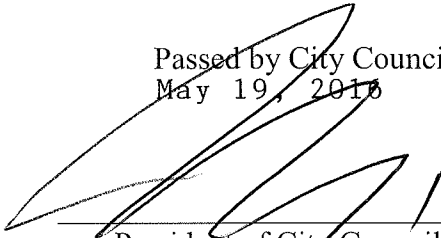
NOW, THEREFORE, THE COUNCIL OF THE CITY OF WILMINGTON HEREBY ORDAINS:

SECTION 1. A Capital Program for the Six Fiscal Years 2017-2022, inclusive, totaling \$282,616,000 (including General Fund \$106,502,000; Water/Sewer Fund \$145,801,000; other funds \$25,250,000 and Internal Service Funds \$5,063,000), is hereby adopted as set forth in the “Capital Improvements Program and Capital Budget for Fiscal Years 2017-2022,” a copy of which is attached hereto as Attachment “A” and incorporated herein by reference, as recommended by the City Planning Commission in its Resolution No. 5-16 approved at its regular meeting on March 15, 2016.

SECTION 2. This ordinance shall become effective immediately upon its date of passage by the City Council and approval by the Mayor.

First Reading.....March 31, 2016
Second Reading...March 31, 2016
Third Reading..... May 19, 2016

Passed by City Council
May 19, 2016



President of City Council

ATTEST: Maribel Seijo
City Clerk

Approved as to form this
30th day of March, 2016

Michael P. Migliore
City Solicitor

Approved this 26 day of
May, 2016

Dennis D. Wells
Mayor

SYNOPSIS: This Ordinance enacts the Capital Program for the Six Fiscal Years 2017-2022.

CAPITAL PROGRAM

IMPACT STATEMENT

The six-year Capital Program for Fiscal Years 2017-2022 is \$282,616,000. This is an estimate of funds necessary to meet the future capital needs of the City. The breakdown is as follows: \$106,502,000, General; \$145,801,000, Water/Sewer; \$25,250,000, Other; and \$5,063,000, Internal Service Funds.

**CITY PLANNING COMMISSION
OF THE CITY OF WILMINGTON
RESOLUTION 5-16**

WHEREAS, Sections 2-303 and 5-601 of the Wilmington City Charter authorize the City Planning Commission to make recommendations to City Council on the Capital Budget and Capital Improvements Program; and

WHEREAS, the Office of Management and Budget and the Department of Planning have developed the FY 2017 Capital Budget and FY 2017 - FY 2022 Capital Improvements Program currently under consideration; and

WHEREAS, the proposed six year Capital Improvements Program totals \$282,616,000, with the FY 2017 Capital Budget representing an off year in the biennial bond program with a zero year budget, and the five year program (FY 2018 - FY 2022) adding \$282,616,000 in anticipated funding (\$106,502,000 General Fund; \$145,801,000 Water Fund; \$25,250,000 Other Funds; and \$5,063,000 Internal Service Fund); and

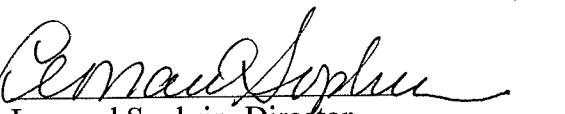
WHEREAS, the Capital Budget and Capital Improvements Program for FY 2017 - FY 2022 were presented at the regular meeting of the City Planning Commission on March 15, 2016; and

WHEREAS, the Commission has considered the report prepared by the Department of Planning and all other evidence as presented at this meeting.

NOW, THEREFORE, BE IT RESOLVED, that the City Planning Commission finds the Capital Budget and Capital Improvements Program to be consistent with past planning and budgeting efforts and to be in conformance with the City's comprehensive planning process, and recommends adoption by City Council of the FY 2017 Capital Budget and FY 2017 - FY 2022 Capital Improvements Program.



Polly Weir, Chairperson
City Planning Commission



Leonard Sophrin, Director
Department of Planning and Development

Date: March 15, 2016

attachments

MEMORANDUM

TO: Wilmington Planning Commission

FROM: Department of Planning

DATE: March 11, 2016

RE: Resolution 5-16: Annual Review of the Capital Budget and Capital Improvements Program for Fiscal Years 2017 through FY 2022 (Original Document).

The City Planning Commission is authorized by City Charter to review the City's Annual Capital Budget and Six Year Capital Improvements Program when they are prepared each year and at any other time revisions might be required.

The Capital Improvements Program currently under consideration covers the six-year period from Fiscal Years 2017 through 2022. The expenditures listed in the Program for the first five years (Fiscal Years 2017 through 2021) are consistent with the FY 2016 - FY 2021 Capital Program outyears. The sixth year figures (Fiscal Year 2022) are newly added to the Program based on estimates that were submitted by City departments for anticipated long-range projects. These FY 2022 projects either represent ongoing projects already in the Program or projects which are new to the Program.

The first year of the Capital Improvements Program (FY 2017) represents the Capital Budget. The Capital Budget funds the projects in the first year of the Program. Because the City generally only enters the bond market every two years, the Capital Improvements Program is designed with alternating "off years" in which there are no expenditures and therefore, no funding considerations. The FY 2017 Capital Budget is an off year budget with zero funding. The expenditures for the remaining five fiscal years (2018-2022) of the Program simply reflect anticipated projects and their estimated costs, which for this Program amount to \$282,616,000 (\$106,502,000 General Fund; \$145,801,000 Water Fund; \$25,250,000 Other Funds, and \$5,063,000 Internal Service Funds).

The five Program outyears (FY 2018 through FY 2022) include a total of forty one (41) projects anticipated for future funding. Thirty four (34) of these projects are being continued from the Capital Program outyears (FY 2018 and FY 2020) identified in last year's budget. Of these, twenty eight (28) projects include proposed funding in the newly added FY 2022 outyear; and six (6) projects do not include proposed funding in FY 2022. In addition, there are seven (7) new projects being added to the FY 2022 outyear, which were not identified in the last year's Program outyears (FY 2018 and FY 2020).

CPC Memorandum
March 11, 2016
Page Two

A summary of the anticipated outyear project activity for the FY 2017 - FY 2022 Capital Improvements Program can be found in Attachment A.

The proposed FY 2017 Capital Budget and the FY 2017 - FY 2022 Capital Improvements Program can be found in Attachment B. The Department of Planning finds these documents to be consistent with past planning and budgeting efforts and to be in accordance with the comprehensive development planning process. Resolution 5-16 recommends that City Council adopt the Capital Improvements Program and Capital Budget for Fiscal Years 2017 through 2022.

attachments

ATTACHMENT A

**Anticipated Outyear Project Activity
FY 2018 - FY 2022**

ANTICIPATED OUTYEAR PROJECT ACTIVITY (FY 2017 through FY 2022)

PROJECT SUMMARY

FY 2017 Capital Budget: No Funded Projects (Zero Year Budget)

Capital Program (FY 2018 - FY 2022):

34 projects carried over from previous Capital Program Outyears (FY 2018 and/or FY 2020)

7 projects which are not identified in previous Capital Program Outyears (FY 2018 or FY 2020) are being newly added to FY 2022

41 projects are represented in the Program Outyears

PROJECTS BY DEPARTMENT

- | | |
|----------------------------------|---|
| Fire | <ul style="list-style-type: none">• 3 continuing outyear projects, with no additional funding proposed in FY 2022• No new projects added in FY 2022 |
| Mayor's Office | <ul style="list-style-type: none">• 1 continuing outyear project, with no additional funding proposed in FY 2022• No new projects added in FY 2022 |
| Parks & Recreation | <ul style="list-style-type: none">• 6 continuing outyear projects, with additional funding proposed for FY 2022• 3 projects newly added in FY 2022 |
| Police | <ul style="list-style-type: none">• 1 project newly added in FY 2022 |
| Public Works | <ul style="list-style-type: none">• 20 continuing outyear projects, with additional funding proposed for FY 2022• 1 continuing project with no additional funding proposed in FY 2022• 1 project newly added in FY 2022 |
| Real Estate & Housing | <ul style="list-style-type: none">• 2 new projects added to FY 2022 |
| Transportation | <ul style="list-style-type: none">• 2 continuing outyear projects with additional funding in FY 2022• 1 continuing outyear project with no additional funding proposed in FY 2022• No new projects added in FY 2022 |

ATTACHMENT B

**Capital Budget
and
Capital Improvements Program
for
FY 2017 - FY 2022**

CAPITAL IMPROVEMENTS PROGRAM

AND

CAPITAL BUDGET

FOR

FISCAL YEARS 2017 - 2022

MAYOR

Dennis P. Williams

OFFICE OF MANAGEMENT AND BUDGET

Robert Greco, Budget Director
Matthew Razze, Senior Budget Analyst

DEPARTMENT OF PLANNING AND DEVELOPMENT

Leonard Sophrin, Director
Gwinneth Kaminsky, Planning Manager

TABLE OF CONTENTS

	Page
I. Introduction	1
II. A Guide of the Capital Improvements Program	1
A. Development of a Capital Program	1
B. Nature of a Capital Project	2
C. City's Financial Policy for the Capital Program	3
D. Expenditure Analysis	3
E. Method of Funding	5
F. Capital Funding Proposed for FY 2017 - FY 2022	5
III. Capital Project Descriptions	6
A. Finance	6
B. Fire	6
C. Office of the Mayor	7
D. Parks and Recreation	8
E. Police	11
F. Public Works	11
G. Real Estate and Housing	18
H. Transportation	19
Recommended Capital Funding and Schedule	20

THE CAPITAL IMPROVEMENTS PROGRAM

I. Introduction

The Capital Improvements Program is a six-year capital spending plan, adopted by City Council annually. The first year of the Capital Program is known as the Capital Budget. In alternating years, the Capital Budget includes two full fiscal years of funding due to the City's decision to bond biennially, instead of annually. This results in "off" years when the budget requests will be zero. The decision to bond biennially reduces the frequency of borrowing and lowers financing costs.

The Capital Improvements Program and Budget provide a schedule of expenditures to develop and improve the public facilities necessary to serve those who live and work in Wilmington. The projects reflect the physical development policies of the City, such as Comprehensive Development Plans, Urban Renewal Plans, etc. This document describes the development of a Capital Program; the statutory basis for the preparation of the Capital Program; and an explanation of the capital projects proposed for the FY 2017 - FY 2022 period.

II. A Guide to the Capital Improvements Program

A. Development of a Capital Program

The Wilmington Home Rule Charter describes the process for preparing and adopting the City's Capital Program. The process begins with the various City departments submitting requests for specific projects to the Office of Management and Budget and the Department of Planning. Department heads discuss their project proposals with the Office of Management and Budget and the Department of Planning, indicating their programming priorities. Three major considerations guide the review of these departmental requests:

1. Overall development objectives for Wilmington. This includes the feasibility, desirability, and need for specific projects.
2. The relationships among projects with respect to design, location, timing of construction and the nature of activities involved.
3. The City's fiscal policies and capabilities.

The City Planning Commission reviews the Capital Program for conformance to the Comprehensive Plan and other City policies, and makes recommendations to the Office of Management and Budget and the Department of Planning. The Capital Program is then submitted to the Mayor for his review and transmittal, along with the Annual Operating Budget, to City Council for their approval.

B. Nature of a Capital Project

Generally, a capital project is fixed in nature, has a relatively long life expectancy, and requires a substantial financial investment. Capital projects traditionally take the form of large-scale physical developments, such as buildings, streets, and water mains. However, a wide range of other projects qualify for capital funding consideration, including fire fighting apparatus, street lighting, and computer software. A capital project must cost a minimum of \$5,000, and generally include one or more of the following characteristics:

1. Acquisition of real property, including the purchase of land and/or existing structures for a community facility or utility.
2. Major replacement facilities, such as roofs, heating, plumbing, and electrical systems.
3. Preliminary studies and surveys pursuant to acquisition, construction or rehabilitation of City-owned property.
4. Purchase of specialized equipment and furniture for public improvements when first erected or acquired.
5. Cash contributions when necessary to fulfill the City's obligation in federally-assisted programs of a capital nature.
6. Improvements to City-owned public utilities, such as sewers, water mains, fire hydrants, streets, and catch basins.
7. Vehicles (excluding special equipment not considered a part of the vehicle) exceeding \$25,000 in cost and having a life expectancy of more than ten years.

Percent Allocation to Art: Municipal construction contracts let by the City for the construction of or remodeling of public buildings or structures shall include a sum of money amounting to five percent of the estimated construction cost of the building or structure, for ornamentation. Ornamentation includes, but is not limited to, sculpture, monuments, bas

relief, mosaics, frescoes, stained glass, murals, fountains or other decoration, both exterior and interior, having a period of usefulness of at least five years. In the event the five percent sum is not used for the incorporation of ornamentation in the construction project, it shall be placed in the art work reserve fund. Eligible construction contracts mean a capital project greater than \$25,000 identified in the annual capital budget to construct or remodel any public building or structure including parks, or any portion thereof, within the city limits. This shall not include construction, repair or alteration of city streets or sidewalks.

C. The City's Financial Policy for the Capital Program

The following are the major elements that determine how much money the City can legally borrow and how it will pay for specific projects:

1. Fiscal Borrowing Limit

Legislation enacted by the Delaware General Assembly on July 7, 1971 amended the general obligation bond limit of the City of Wilmington to permit a debt service which does not exceed 17.5 percent of the annual operating budget. Because the bonds issued for the sewage treatment and water facilities are revenue supported, they are not subject to this limitation.

2. Self-Sustaining Projects

A clear distinction is made in the Capital Program between tax-supporting and self-sustaining (revenue) projects. Self-sustaining projects are part of any operation which will generate sufficient revenues to cover its debt service (water and sewer service, for example). Although the debt service on these bonds is paid from the various operating revenues, the bonds are secured by the City's full taxing authority, and thus are actually a special form of general obligation bonds.

3. Bond Life

The City generally limits its borrowing to 20 years for all tax supported and revenue obligations. However, under special circumstances, 5 or 10 year bonds have been, and can be, issued.

D. Expenditure Analysis

Capital spending projects generally are within the following four categories:

1. New Service

Projects which provide a service not previously available. Examples include sewer lines; roads and water mains to areas not previously served; the acquisition and development of new parks; or the construction of a new facility for a new service.

2. New Replacing Existing

New projects which replace an existing facility providing a similar or identical service. Examples include the acquisition of new apparatus, or the replacement of aging sewer lines and water mains.

3. Upgrading Existing

Additions and modifications to existing facilities aimed at providing more and/or better service than is now provided. Examples include additions to buildings, increasing the capacity of existing water mains and development of park land already owned by the City.

4. Restoring Existing

Projects aimed at restoring an existing facility to its original capacity and/or quality of service. Examples include cleaning and relining of water mains, and minor capital improvements projects.

Significantly, only a small percentage of past capital expenditures have been for new service. This is very characteristic of an older, highly developed city in which most basic municipal services are already in place, and no new significant population growth is taking place.

Most projects fall within the category of upgrading existing facilities, reflecting a policy of extending and expanding their usefulness to the City's present stock of capital facilities. A policy of utilizing existing facilities with renovations and additions maximizes the efficiency of capital spending.

In the past, the replacement of capital facilities with new ones was prevalent. This approach is justifiable when facilities are too obsolete to permit economical rehabilitation or modification, when they have been utilized to the extent of their full useful life, or they are improperly located to meet current needs. In general, replacements of this type offer increased capacity, modern features and up-to-date conveniences not found in the facilities they replace.

The restoration of existing facilities is generally undertaken when an existing facility has become so worn or deteriorated that major corrective action is needed to preserve its usefulness. While these expenditures do not result in the provision of new or improved service, they are among the most cost-efficient capital expenditures since maximum use is made of existing facilities.

E. Method of Funding

1. City Obligations

The bulk of funding for the City's Capital Improvements Program has traditionally come through general obligation bonds issued by the City and repaid out of the appropriate department operating budget over a 20 year period. In general, investors loan the City funds based upon its "bond" or promise to repay them using all means possible.

2. Federal and State Funds

In the past, the Federal and State governments have provided substantial support for capital programs in the City. For example, federal grants have often composed a major portion of funding for sewer and water projects, with local capital funding being used to "match" the Federal portion. Federal and State funds have been requested to supplement this year's budget.

3. Unused Capital Funds

Unexpended funds from previous Capital Budgets are reviewed annually to determine whether a former project has been temporarily delayed, altered or is no longer feasible. Based on this analysis, funds might then be transferred to current fiscal year projects in order to reduce the amount being currently borrowed.

F. Capital Funding Proposed for FY 2017 - FY 2022

The six year Capital Budget and Capital Improvements Program, as presented in City Planning Commission Resolution 5-16, totals \$282,616,000, with a FY 2017 Capital Budget representing a zero year budget and the additional five year program adding \$282,616,000. A breakdown of these costs and the project descriptions are provided in the following pages.

III. CAPITAL PROJECT DESCRIPTIONS - FISCAL YEARS 2017 - 2022

A. DEPARTMENT OF FINANCE

The figures provided in the budget and program summary sheets for the Cost of Bond Issue (General Fund) and the Cost of Bond Issue (Water/Sewer Fund) are not related to specific capital projects and as such are not identified in this chapter; rather, these figures represent the costs associated with fund borrowing (bond counsel and other related fees).

B. FIRE DEPARTMENT

1. Apparatus Replacement

Budget Request: \$0.
Program Request: \$3,500,000.

Budget: None.

Program: This program provides funds for the replacement of aging equipment used for fire calls and emergency medical response as they reach the end of their service expectancy.

2. Fire Station Renovations

Budget Request: \$0.
Program Request: \$5,000,000.

Budget: None.

Program: This program provides funds for upgrades to City fire stations, including structural, mechanical and cosmetic repairs in accordance with the 2007 Fire Station Renovation Master Plan. Includes design and engineering specifications and construction costs.

3. Rescue Ambulance Replacement

Budget Request: \$0.
Program Request: \$300,000.

Budget: None.

Program: This program funds the ongoing replacement of Rescue Ambulances, which are used for fire calls and emergency medical response.

C. OFFICE OF THE MAYOR

1. Five Percent for Art

Budget Request: \$0.
Program Request: \$192,000.

Budget: The Five Percent for Art program receives capital funding for the purpose of providing ornamentation, such as sculpture and artwork, on certain eligible capital projects involving public buildings or structures.

Program: None. This art work reserve is directly related to budget year funding.

2. Financial Management Software

Budget Request: \$0.
Program Request: \$5,000,000.

Budget: None.

Program: This program funds the purchase of replacement enterprise resource planning (ERP) software, a system of integrated applications to manage and automate functions related to the financial management, technology, services and human resource needs of the City.

D. PARKS AND RECREATION

1. Playground Improvements

Budget Request: \$0.
Program Request: \$4,175,000. (Other Funds: \$600,000)

Budget: None.

Program: This program provides funds for the replacement of existing playground equipment and amenities in the Parks system, in order to maintain safety and to meet Consumer Product Safety Commission standards.

2. Athletic Court Improvements

Budget Request: \$0.
Program Request: \$900,000. (Other Funds: \$150,000)

Budget: None.

Program: This program provides funds for renovations, including repaving and color coating, to outdoor athletic courts throughout the City for safety and aesthetic reasons.

3. Park Walkways

Budget Request: \$0.
Program Request: \$1,725,000.

Budget: None.

Program: This program provides funds for the replacement of existing pavement and curbing throughout the Parks System which are deteriorated, cracked and/or weakened.

4. Park and Playground Fencing Replacements

Budget Request: \$0.
Program Request: \$1,220,000.

Budget: None.

Program: This program provides funds for the replacement of aging fences, to include ballfield backstops, at various park locations including athletic fields, playgrounds and parks, and also to provide for security.

5. County Park Recovery

Budget Request: \$0.
Program Request: \$1,760,000. (Other Funds: \$100,000)

Budget: None.

Program: This program provides funds for upgrades to City parks and ballfields formerly maintained by New Castle County. Improvements include athletic courts, ballfields, fencing and parking lot paving.

6. Pool House Renovations

Budget Request: \$0.
Program Request: \$825,000.

Budget: None.

Program: This program provides funds for renovations to existing citywide pool house structures, including plumbing, roofing, locker space and other interior upgrades.

7. **Plazas, Squares & Triangles**

Budget Request: \$0.
Program Request: \$1,550,000.

Budget: None.

Program: This program provides funds for paving, landscaping, monument refurbishing, and the replacement of site amenities at citywide public plazas, squares and triangles. Includes mechanical and aesthetic improvements to decorative fountains.

8. **WHACC Improvements**

Budget Request: \$0.
Program Request: \$25,860,000.

Budget: None.

Program: This program provides for the revitalization of the William Hicks Anderson Community Center to include a redesign of the facility's footprint, replacement of the north wing, renovation of the south wing, and improvements to the adjacent Helen Chambers Park, to meet programming and operational needs.

9. **Parking Lot Replacements and Roads**

Budget Request: \$0.
Program Request: \$250,000.

Budget: None.

Program: This program provides funding for necessary improvements to parking lots serving city parks.

E. POLICE DEPARTMENT

1. Public Safety Building Improvements

Budget Request: \$0.

Program Request: \$380,000.

Budget: None.

Program: This program provides funds for necessary improvements to the public safety building, to include repairs to the perimeter security gate, a new security wall in the lobby, renovations to the Human Resources Division, and new flooring throughout the building.

F. PUBLIC WORKS DEPARTMENT

General Fund Projects

1. Street Paving and Reconstruction

Budget Request: \$0.

Program Request: \$30,000,000.

Budget: None.

Program: This program provides funds for routine street paving and the reconstruction and maintenance of deteriorated roadways throughout the City based on condition and use, in order to maintain roadway network infrastructure.

2. Emergency Sidewalk Repairs

Budget Request: \$0.

Program Request: \$3,000,000.

Budget: None.

Program: This program provides funds for emergency repairs to damaged sidewalks, as identified by Licenses & Inspections and managed by the Department of Public Works.

3. Building Improvements

Budget Request: \$0.
Program Request: \$4,000,000.

Budget: None.

Program: This program provides funds for renovations to the Louis L. Redding City/County Building and other municipal buildings as needed.

4. City/County Building Renovations

Budget Request: \$0.
Program Request: \$500,000.

Budget: None.

Program: This program provides funds for various renovation projects requested by individual City departments for improvements to their work spaces. Upgrades include security features (badge access, door buzzers), carpeting, furniture, paint, and the reorganization of office space, as well as improvements to the building's electrical, data, mechanical, and fire systems.

Water/Sewer Fund Projects

1. Major Sewer Improvements

Budget Request: \$0.
Program Request: \$15,000,000.

Budget: None.

Program: This program provides funds for the reconstruction and stabilization of major brick sewers citywide, including Prices Run, Shipley Run, Rattlesnake Run and other major sewers (24" and above).

2. Annual Minor Sewer Improvements

Budget Request: \$0.
Program Request: \$4,500,000.

Budget: None.

Program: This program provides funds for the citywide rehabilitation of small diameter sewers and other necessary projects as identified through closed circuit TV (CCTV) inspection and modeling efforts.

3. Annual Water Improvements

Budget Request: \$0.
Program Request: \$22,500,000.

Budget: None.

Program: This program provides funds for maintaining the citywide water distribution system, including annual cleaning and lining of water mains, installation of new and replacement mains, service line renewal, valve/hydrant maintenance, and purchase of all appurtenances (hydrants, valves, etc.), to improve water quality, pressure and fire flows.

4. Porter Filter Plant Improvements

Budget Request: \$0.
Program Request: \$6,000,000.

Budget: None.

Program: This program provides funds for upgrades to the Porter Reservoir and Clear Well, including the replacement of chemical feed systems, upgrades to clarifiers, and other improvements to provide top quality, safe drinking water.

5. Pumping Station Improvements

Budget Request: \$0.
Program Request: \$6,000,000.

Budget: None.

Program: This program provides funds for upgrades to pumps and electrical components at various pumping stations, including Wills/Hoopes and various remote pump stations, to maintain water service.

6. Raw Water Distribution Improvements

Budget Request: \$0.
Program Request: \$9,000,000.

Budget: None.

Program: This program provides funds for the rehabilitation of the 42" raw water transmission main between the Brandywine Pumping Station and Porter Filter Plant.

7. Transmission Improvements

Budget Request: \$0.
Program Request: \$12,000,000.

Budget: This program provides funds for transmission capacity improvements throughout the water system.

8. Architectural Improvements

Budget Request: \$0.
Program Request: \$3,000,000.

Budget: None.

Program: This program provides funds for architectural repairs, restoration and stabilization of historic structural components of the Brandywine Complex, including the finished water pump room ceiling, cornice elements at the Head House, and wall restoration in the Boiler Room.

9. Hoopes Dam

Budget Request: \$0.
Program Request: \$7,500,000.

Budget: None.

Program: This program provides funds for improvements to Hoopes Dam, including construction of a functional outlet/drain piping system, improvements to sluice gates and valves, and other concrete/mechanical improvements to address the overall safety and function of the facility.

10. Brandywine Filter Plant Improvements

Budget Request: \$0.
Program Request: \$7,500,000.

Budget: None.

Program: This program provides funds for structural, mechanical and aesthetic improvements to the Brandywine Filter Plant.

11. Pressure Zone Reliability Improvements

Budget Request: \$0.
Program Request: \$3,000,000.

Budget: None.

Program: This program provides funds to establish secondary water feeds to water service zones to improve the reliability of service through redundant feeds which facilitate water storage and distribution maintenance.

12. WWTP Electrical System Improvements

Budget Request: \$0.

Program Request: \$17,600,000.

Budget: None.

Program: This program provides funds for the assessment and rehabilitation of the electrical distribution system at the Waste Water Treatment Plant (12th Street and Hay Road) to improve the reliability of operations.

13. 11th Street Pumping Station Reliability Improvements

Budget Request: \$0.

Program Request: \$8,000,000.

Budget: None.

Program: This program provides funds for a feasibility study to identify and implement rehabilitation and capacity improvements to the 11th Street Pumping Station.

14. South Wilmington Wetlands Park

Budget Request: \$0.

Program Request: \$5,500,000.

Budget: None.

Program: This program provides funds for the creation of a storm water mitigation wetland area in South Wilmington. Storm water management improvements, including flood storage and drainage upgrades, will be addressed through land acquisition, planning, design, and the implementation of the initial phase of the wetlands restoration project.

15. Sewer Separation Projects & Flow Monitoring

Budget Request: \$0.

Program Request: \$5,000,000.

Budget: None.

Program: This program provides funds for the partial separation of combined sewers in the Interceptor A Basin, CSO 26 drainage area, and at 14th & Orange Streets. Funds are also provided for additional ongoing flow monitoring and mitigation efforts, to reduce overflow events.

16. Stormwater Drainage Management Program

Budget Request: \$0.

Program Request: \$5,400,000.

Budget: None.

Program: This program provides funds for tide gate evaluation and reconstruction, storm inlet reconstruction, and other drainage improvement projects citywide to mitigate local flooding and to prevent tidal water inflows into the sewer system.

17. Urban Forest Management Program

Budget Request: \$0.

Program Request: \$1,500,000.

Budget: None.

Program: This program provides funds for tree planting and stump removal in support of green infrastructure, storm water control, and 2-for-1 tree replacement mandates.

18. Stormwater Mitigation (Green Infrastructure)

Budget Request: \$0.
Program Request: \$5,000,000. (Other Funds: \$400,000)

Budget: None.

Program: This program provides funds for green infrastructure implementation projects to mitigate CSOs through citywide source control of storm water.

G. REAL ESTATE AND HOUSING

1. Acquisition and Demolition

Budget Request: \$0.
Program Request: \$2,900,000.

Budget: None.

Program: This program funds the purchase of vacant land and or structures, and related demolition costs, for future development or neighborhood stabilization efforts.

2. Infrastructure Improvements

Budget Request: \$0.
Program Request: \$1,000,000.

Budget: None.

Program: This program funds the design, engineering and improvements of infrastructure, including upgrades, for the future redevelopment of various city-owned sites.

H. TRANSPORTATION

1. Traffic System Infrastructure

Budget Request: \$0.

Program Request: \$550,000.

Budget: None.

Program: This program provides funds for the implementation of the Improved Readability of Street Name Signs program, and for traffic infrastructure improvements including traffic signals, smart parking meters, and decorative street lights, to maintain the existing traffic control system.

2. Wilmington Transportation Initiatives

Budget Request: \$0.

Program Request: \$6,000,000. (Other Funds: \$24,000,000)

Budget: None.

Program: This program provides local matching funds for significant multi-year transportation projects managed through the Wilmington Initiatives partnership (City, DelDOT, Wilmapco), including Transportation Improvements Program (TIP), Transportation Alternatives Program (TAP), and legislator-sponsored projects, which in turn leverage federal funding. The program also funds the implementation of adaptive signal controls and the installation of pedestrian ADA curb ramps.

3. South Wilmington Transportation Improvements

Budget Request: \$0.

Program Request: \$8,500,000.

Budget: None.

Program: This program provides funds for parcel acquisition to implement transportation improvements in South Wilmington.

Recommended Capital Funding and Schedule

CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEARS 2017-2022
(000 omitted)

NOTE: Bond Issuance Costs will be 1.25%

SUMMARY: TOTAL FUNDS RECOMMENDED BY FISCAL YEAR AND DEPARTMENT

NAME OF DEPARTMENT	TYPE OF FUNDING	FISCAL YEARS						TOTAL CITY FUNDS 6 YEAR PERIOD	TOTAL LOCAL AND MATCHING 6 YEAR PERIOD
		2017	2018	2019	2020	2021	2022		
FINANCE	G	0	332	0	340	0	643	1,315	1,315
	W	0	639	0	608	0	554	1,801	1,801
	I	0	63	0	0	0	0	63	63
FIRE	G	0	4,250	0	4,550	0	0	8,800	8,800
OFFICE OF THE MAYOR	G	0	192	0	0	0	0	192	192
	I	0	5,000	0	0	0	0	5,000	5,000
PARKS AND RECREATION	G	0	3,340	0	3,340	0	31,585	38,265	38,265
	O	0	300	0	300	0	250	0	850
POLICE	G	0	0	0	0	0	380	380	380
PUBLIC WORKS	G	0	12,000	0	12,500	0	13,000	37,500	37,500
	W	0	51,100	0	48,600	0	44,300	144,000	144,000
	O	0	200	0	200	0	0	0	400
REAL ESTATE & HOUSING	G	0	0	0	0	0	3,900	3,900	3,900
TRANSPORTATION	G	0	6,800	0	6,800	0	2,550	16,150	16,150
	O	0	8,000	0	8,000	0	8,000	0	24,000
TOTAL BY FUND	G	0	26,914	0	27,530	0	52,058	106,502	106,502
	O	0	8,500	0	8,500	0	8,250	0	25,250
	W	0	51,739	0	49,208	0	44,854	145,801	145,801
	I	0	5,063	0	0	0	0	5,063	5,063
GRAND TOTAL		0	92,216	0	85,238	0	105,162	257,366	282,616

Type of Funding: G - General; W - Water/Sewer; O - Other Governmental; I - Internal Service

CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEARS 2017-2022
(000 omitted)

SUMMARY: TOTAL FUNDS RECOMMENDED BY EXPENDITURE TYPE

NAME OF DEPARTMENT	Exp. Cat.	FISCAL YEARS						TOTAL CITY FUNDS 6 YEAR PERIOD	TOTAL LOCAL AND MATCHING 6 YEAR PERIOD
		2017	2018	2019	2020	2021	2022		
FINANCE	NS	0	2	0	0	0	0	2	2
	NR	0	77	0	23	0	18	118	118
	UE	0	623	0	590	0	855	2,068	2,068
	RE	0	332	0	335	0	324	991	991
FIRE	NR	0	1,750	0	2,050	0	0	3,800	3,800
	RE	0	2,500	0	2,500	0	0	5,000	5,000
OFFICE OF THE MAYOR	NS	0	192	0	0	0	0	192	192
	NR	0	5,000	0	0	0	0	5,000	5,000
PARKS AND RECREATION	NR	0	0	0	0	0	1,550	1,550	1,550
	UE	0	2,380	0	2,380	0	28,560	32,620	33,320
	RE	0	1,260	0	1,260	0	1,725	4,095	4,245
POLICE	RE	0	0	0	0	0	380	380	380
PUBLIC WORKS	NS	0	0	0	0	0	0	0	0
	UE	0	37,800	0	35,300	0	31,300	104,000	104,400
	RE	0	25,500	0	26,000	0	26,000	77,500	77,500
REAL ESTATE & HOUSING	UE	0	0	0	0	0	3,900	3,900	3,900
TRANSPORTATION	UE	0	14,800	0	14,800	0	10,550	16,150	40,150
TOTAL BY EXPENDITURE CATEGORY	NS	0	194	0	0	0	0	194	194
	NR	0	6,827	0	2,073	0	1,568	10,468	10,468
	UE	0	55,603	0	53,070	0	75,165	158,738	183,838
	RE	0	29,592	0	30,095	0	28,429	87,966	88,116
GRAND TOTAL		0	92,216	0	85,238	0	105,162	257,366	282,616

Expenditure Category (Exp. Cat.): NS - New Service; NR - New Replace Existing; UE - Upgrade Existing; RE - Restore Existing (See Pages 231-232)

CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEARS 2017-2022
(000 omitted)

FINANCE DEPARTMENT: PROGRAM RECOMMENDATION BY FISCAL YEAR

	TYPE OF FUNDING	FISCAL YEARS						TOTAL CITY FUNDS 6 YEAR PERIOD	TOTAL LOCAL AND MATCHING 6 YEAR PERIOD
		2017	2018	2019	2020	2021	2022		
Cost of Bond Issue (General Fund)	G	0	332	0	340	0	643	1,315	1,315
Cost of Bond Issue (Water/Sewer Fund)	W	0	639	0	608	0	554	1,801	1,801
Cost of Bond Issue (Internal Service Fund)	I	0	63	0	0	0	0	63	63
TOTAL BY FUND	G	0	332	0	340	0	643	1,315	1,315
	W	0	639	0	608	0	554	1,801	1,801
	I	0	63	0	0	0	0	63	63
TOTAL FINANCE FUNDS		0	1,034	0	948	0	1,197	3,179	3,179

Type of Funding: G - General; W - Water/Sewer; O - Other Governmental; I - Internal Service

CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEARS 2017-2022
(000 omitted)

FIRE DEPARTMENT: PROGRAM RECOMMENDATION BY FISCAL YEAR

	Exp. Cat.	TYPE OF FUNDING	FISCAL YEARS						TOTAL CITY FUNDS 6 YEAR PERIOD	TOTAL LOCAL AND MATCHING 6 YEAR PERIOD
			2017	2018	2019	2020	2021	2022		
Apparatus Replacement	NR	G	0	1,750	0	1,750	0	0	3,500	3,500
Fire Station Renovations	RE	G	0	2,500	0	2,500	0	0	5,000	5,000
Rescue Ambulance Replacement	NR	G	0	0	0	300	0	0	300	300
TOTAL BY FUND		G	0	4,250	0	4,550	0	0	8,800	8,800
TOTAL FIRE FUNDS			0	4,250	0	4,550	0	0	8,800	8,800

Type of Funding: G - General; W - Water/Sewer; O - Other Governmental; I - Internal Service

Expenditure Category (Exp. Cat.): NS - New Service; NR - New Replace Existing; UE - Upgrade Existing; RE - Restore Existing (See Pages 231-232)

CAPITAL IMPROVEMENTS PROGRAM
 FISCAL YEARS 2017-2022
 (000 omitted)

OFFICE OF THE MAYOR: PROGRAM RECOMMENDATION BY FISCAL YEAR

	Exp. Cat.	TYPE OF FUNDING	FISCAL YEARS						TOTAL CITY FUNDS 6 YEAR PERIOD	TOTAL LOCAL AND MATCHING 6 YEAR PERIOD
			2017	2018	2019	2020	2021	2022		
Five Percent For Art	NS	G	0	192	0	0	0	0	192	192
Financial Management Software	NR	I	0	5,000	0	0	0	0	5,000	5,000
TOTAL BY FUND		G	0	192	0	0	0	0	192	192
		I	0	5,000	0	0	0	0	5,000	5,000
TOTAL MAYOR'S OFFICE FUNDS			0	5,192	0	0	0	0	5,192	5,192

Type of Funding: G - General; W - Water/Sewer; O - Other Governmental; I - Internal Service

Expenditure Category (Exp. Cat.): NS - New Service; NR - New Replace Existing; UE - Upgrade Existing; RE - Restore Existing (See Pages 231-232)

CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEARS 2017-2022
(000 omitted)

PARKS & RECREATION DEPARTMENT: PROGRAM RECOMMENDATION BY FISCAL YEAR

	Exp. Cat.	TYPE OF FUNDING	FISCAL YEARS						TOTAL CITY FUNDS 6 YEAR PERIOD	TOTAL LOCAL AND MATCHING 6 YEAR PERIOD
			2017	2018	2019	2020	2021	2022		
Playground Improvements	UE	G	0	1,250	0	1,250	0	1,675	4,175	4,175
		O	0	200	0	200	0	200	0	600
Athletic Court Improvements	RE	G	0	275	0	275	0	350	900	900
		O	0	50	0	50	0	50	0	150
Park Walkways	RE	G	0	550	0	550	0	625	1,725	1,725
Park & Playground Fencing Replacement	RE	G	0	385	0	385	0	450	1,220	1,220
County Park Recovery	UE	G	0	550	0	550	0	660	1,760	1,760
		O	0	50	0	50	0	0	0	100
Pool House Renovations	UE	G	0	0	0	0	0	825	825	825
Plazas, Squares & Triangles	NR	G	0	0	0	0	0	1,550	1,550	1,550
WHACC Improvements	UE	G	0	330	0	330	0	25,200	25,860	25,860
Parking Lot Improvements/Replacements	RE	G	0	0	0	0	0	250	250	250
TOTAL BY FUND		G	0	3,340	0	3,340	0	31,585	38,265	38,265
		O	0	300	0	300	0	250	0	850
TOTAL PARKS AND RECREATION FUNDS			0	3,640	0	3,640	0	31,835	38,265	39,115

Type of Funding: G - General; W - Water/Sewer; O - Other Governmental; I - Internal Service

Expenditure Category (Exp. Cat.): NS - New Service; NR - New Replace Existing; UE - Upgrade Existing; RE - Restore Existing (See Pages 231-232)

CAPITAL IMPROVEMENTS PROGRAM
 FISCAL YEARS 2017-2022
 (000 omitted)

POLICE DEPARTMENT: PROGRAM RECOMMENDATION BY FISCAL YEAR

	Exp. Cat.	TYPE OF FUNDING	FISCAL YEARS						TOTAL CITY FUNDS 6 YEAR PERIOD	TOTAL LOCAL AND MATCHING 6 YEAR PERIOD
			2017	2018	2019	2020	2021	2022		
Public Safety Building Improvements	RE	G	0	0	0	0	0	380	380	380
TOTAL BY FUND		G	0	0	0	0	0	380	380	380
TOTAL POLICE FUNDS			0	0	0	0	0	380	380	380

Type of Funding: G - General; W - Water/Sewer; O - Other Governmental; I - Internal Service

Expenditure Category (Exp. Cat.): NS - New Service; NR - New Replace Existing; UE - Upgrade Existing; RE - Restore Existing (See Pages 231-232)

CAPITAL IMPROVEMENTS PROGRAM
 FISCAL YEARS 2017-2022
 (000 omitted)

PUBLIC WORKS DEPARTMENT: PROGRAM RECOMMENDATION BY FISCAL YEAR

	Exp. Cat.	TYPE OF FUNDING	FISCAL YEARS						TOTAL CITY FUNDS 6 YEAR PERIOD	TOTAL LOCAL AND MATCHING 6 YEAR PERIOD
			2017	2018	2019	2020	2021	2022		
Street Paving & Reconstruction	RE	G	0	10,000	0	10,000	0	10,000	30,000	30,000
Emergency Sidewalk Repairs	RE	G	0	1,000	0	1,000	0	1,000	3,000	3,000
Building Improvements	RE	G	0	1,000	0	1,500	0	1,500	4,000	4,000
City/County Bldg. Renovations	UE	G	0	0	0	0	0	500	500	500
Major Sewer Improvements	RE	W	0	5,000	0	5,000	0	5,000	15,000	15,000
Annual Minor Sewer Improvements	RE	W	0	1,500	0	1,500	0	1,500	4,500	4,500
Annual Water Improvements	UE	W	0	7,500	0	7,500	0	7,500	22,500	22,500
Porter Filter Plant Improvements	UE	W	0	2,000	0	2,000	0	2,000	6,000	6,000
Pumping Station Improvements	UE	W	0	2,000	0	2,000	0	2,000	6,000	6,000
Raw Water Distribution Improvements	RE	W	0	3,000	0	3,000	0	3,000	9,000	9,000
Transmission Improvements	UE	W	0	4,000	0	4,000	0	4,000	12,000	12,000
Architectural Improvements	RE	W	0	1,000	0	1,000	0	1,000	3,000	3,000
Hoopes Dam	UE	W	0	2,500	0	2,500	0	2,500	7,500	7,500
Brandywine Filter Plant Improvements	RE	W	0	2,500	0	2,500	0	2,500	7,500	7,500

continued

CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEARS 2017-2022
(000 omitted)

PUBLIC WORKS DEPARTMENT: PROGRAM RECOMMENDATION BY FISCAL YEAR

	Exp. Cat.	TYPE OF FUNDING	FISCAL YEARS						TOTAL CITY FUNDS 6 YEAR PERIOD	TOTAL LOCAL AND MATCHING 6 YEAR PERIOD
			2017	2018	2019	2020	2021	2022		
Pressure Zone Reliability Improvements	UE	W	0	1,000	0	1,000	0	1,000	3,000	3,000
WWTP Electrical System Improvements	UE	W	0	6,300	0	6,300	0	5,000	17,600	17,600
11th St. Pumping Station Reliability Improvements	UE	W	0	3,000	0	3,000	0	2,000	8,000	8,000
South Wilmington Wetlands Park	UE	W	0	3,500	0	2,000	0	0	5,500	5,500
Sewer Separation Projects & Flow Monitoring	UE	W	0	2,000	0	1,000	0	2,000	5,000	5,000
Stormwater Drainage Management Program	UE	W	0	1,800	0	1,800	0	1,800	5,400	5,400
Urban Forest Management Program	RE	W	0	500	0	500	0	500	1,500	1,500
Stormwater Mitigation (Green Infrastructure)	UE	W	0	2,000	0	2,000	0	1,000	5,000	5,000
		O	0	200	0	200	0	0	0	400
TOTAL BY FUND		G	0	12,000	0	12,500	0	13,000	37,500	37,500
		W	0	51,100	0	48,600	0	44,300	144,000	144,000
		O	0	200	0	200	0	0	0	400
TOTAL PUBLIC WORKS FUNDS			0	63,300	0	61,300	0	57,300	181,500	181,900

Type of Funding: G - General; W - Water/Sewer; O - Other Governmental; I - Internal Service

Expenditure Category (Exp. Cat.): NS - New Service; NR - New Replace Existing; UE - Upgrade Existing; RE - Restore Existing (See Pages 231-232)

CAPITAL IMPROVEMENTS PROGRAM
FISCAL YEARS 2017-2022
(000 omitted)

REAL ESTATE & HOUSING DEPARTMENT: PROGRAM RECOMMENDATION BY FISCAL YEAR

	Exp. Cat.	TYPE OF FUNDING	FISCAL YEARS						TOTAL CITY FUNDS 6 YEAR PERIOD	TOTAL LOCAL AND MATCHING 6 YEAR PERIOD
			2017	2018	2019	2020	2021	2022		
Acquisition & Demolition	UE	G	0	0	0	0	0	2,900	2,900	2,900
Infrastructure Improvements	UE	G	0	0	0	0	0	1,000	1,000	1,000
TOTAL BY FUND		G	0	0	0	0	0	3,900	3,900	3,900
TOTAL REAL ESTATE & HOUSING FUNDS			0	0	0	0	0	3,900	3,900	3,900

Type of Funding: G - General; W - Water/Sewer; O - Other Governmental; I - Internal Service

Expenditure Category (Exp. Cat.): NS - New Service; NR - New Replace Existing; UE - Upgrade Existing; RE - Restore Existing

CAPITAL IMPROVEMENTS PROGRAM
 FISCAL YEARS 2017-2022
 (000 omitted)

TRANSPORTATION DIVISION: PROGRAM RECOMMENDATION BY FISCAL YEAR

	Exp. Cat.	TYPE OF FUNDING	FISCAL YEARS						TOTAL CITY FUNDS 6 YEAR PERIOD	TOTAL LOCAL AND MATCHING 6 YEAR PERIOD
			2017	2018	2019	2020	2021	2022		
Traffic System Infrastructure	UE	G	0	550	0	550	0	550	1,650	1,650
Wilmington Transportation Initiatives	UE	G	0	2,000	0	2,000	0	2,000	6,000	6,000
		O	0	8,000	0	8,000	0	8,000	0	24,000
South Wilmington Transportation Improvements	UE	G	0	4,250	0	4,250	0	0	8,500	8,500
TOTAL BY FUND		G	0	6,800	0	6,800	0	2,550	16,150	16,150
		O	0	8,000	0	8,000	0	8,000	0	24,000
TOTAL TRANSPORTATION FUNDS			0	14,800	0	14,800	0	10,550	16,150	40,150

Type of Funding: G - General; W - Water/Sewer; O - Other Governmental; I - Internal Service

Expenditure Category (Exp. Cat.): NS - New Service; NR - New Replace Existing; UE - Upgrade Existing; RE - Restore Existing (See Pages 231-232)