
Capital Improvement Plan



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READER'S GUIDE

BACKGROUND

The Capital Improvement Program (CIP) is a multi-year plan for capital expenditures to replace and expand the city's infrastructure. The city uses the CIP to develop infrastructure and maintain the quality of life offered to residents and businesses.

The capital budget supports non-recurring expenditures such as the construction of buildings, acquisition of property, repairs and improvements to roadways, building maintenance, and efficient operation of the water and sewage systems. Capital funding is limited to the cost of the project and may be expended over several fiscal years until the project is completed. Other costs associated with the capital budget include, but are not limited to:

- Architectural and engineering fees
- Site development
- Major equipment

The city uses a long range planning process that results in a Five-Year CIP plan. This five year plan provides residents with an outline of how the city anticipates investing capital dollars for the next five years. Each capital project included in the CIP is either approved for funding in FY 2016 or included as a planned project in FY 2016 through FY 2020. The inclusion of a project beyond the current budget year is not a guarantee it will be funded in the future. The needs of the city may change resulting in changes during the next annual budget cycle.

A project that is included in the city's capital budget is broadly defined as requiring the expenditure of public funds for the purchase, construction, enhancement, or replacement of physical infrastructure/assets and it may take several years to complete the project. Whether a project is included in the CIP or in the city's operating budget is determined by its size and scope. Any project authorized in a department's operating budget must be completed or committed by a contractual obligation within the fiscal year in which the funds are appropriated.

To be included in the CIP, the project must cost \$50,000 or more and should extend the life of the asset by greater than the life of the debt instrument used to finance the improvement or grant program.

GUIDING PRINCIPLES

Guiding principles are used to help shape the CIP. These principles include, but are not limited to:

- Developing a capital plan that includes projects which meet the six City Council priorities
- Ensuring that the CIP will be the platform for development in neighborhoods and business communities
- Preserving and enhancing the existing tax base

To guide the CIP decision-making process, projects are evaluated on the degree to which the following objectives are met:

- Legal or contractual obligation or federal or state mandate
- Address health concerns, safety or emergency needs
- Leverage outside funding through a match of federal, state or private funding

- Produce positive community impact through the formation of partnerships with residents and businesses to leverage public dollars, making Norfolk the community of choice for living, working and leisure activities
- Enjoy broad community support
- Result in unacceptable outcomes if the project is deferred
- Ensure existing infrastructure and/or equipment is maintained and replaced in a timely manner
- Consistent with the plan Norfolk 2030 comprehensive plan and other City Council adopted plans

FUNDING THE CIP

A combination of funding sources are used by the City of Norfolk to implement the CIP. Below are descriptions of funding sources used to support the CIP:

- **Reappropriation of Previous Authority:** Dollars represent projects that are closed or determined to have excess funds.
- **Other Cash Contribution:** Dollars represent other sources of cash contributions to the CIP such as grants, donations, other state or federal aid, or other reprogrammed funds.
- **Transfer from General Fund:** Annual cash contributions to the CIP.
- **Transfer from School Fund:** Dollars represent cash contributions from Norfolk Public Schools.
- **Transfer from Public Amenities Fund:** This cash contribution is from a special revenue fund which collects one percent of the prepared food tax rate and one percent of the lodging tax rate to promote cultural and entertainment activity in the downtown area.
- **Bonds (Debt):** The city's debt is defined by the sources of repayment: general fund supported debt service and nongeneral fund supported debt service. General fund supported debt is pledged to be repaid from tax revenue. Nongeneral fund debt is intended to be repaid from revenue derived from other revenue sources such as fees.

NON-GENERAL FUND PROJECTS:

Projects below are supported through nongeneral fund revenues which are not paid from taxes:

- **Water Utility:** Improve the city's water infrastructure system and perpetuate the city's economic vitality.
- **Wastewater Utility:** Improve the city's wastewater infrastructure system including the operation and maintenance of collection sewers, pump stations, and sewer force mains.
- **Storm Water Utility:** Improve the city's storm water infrastructure system including miscellaneous drainage improvements, system repairs and rehabilitation, and system cleaning and drainage studies in neighborhoods citywide.
- **Parking Facilities:** Improve the city's parking infrastructure systems, maintain public safety, promote tourism, and perpetuate and attract new businesses including architectural designs, construction of new and/or replacement, multi-level parking facilities.
- **Towing and Recovery:** Support the city's ability to keep abandoned vehicles off the public right of way and address code violations. There are no projects in this fund for the FY 2016-FY 2020 CIP.

PRIORITY AREA DESCRIPTIONS

GENERAL FUND SUPPORTED PROJECTS:

In 2015, the City of Norfolk continued the implementation of the initiative to become a “Well-Managed Government.” This initiative promotes the values of being a *data-driven organization that provides effective and efficient programs and services that are responsive, accountable, inclusive, and customer-focused*. This initiative also led to the revision of the citywide priorities.

In preparation for the FY 2016 budget development process, city staff reviewed and affirmed the goals and objectives which support the Priority Area Plan. Departments continued to refine measures which drive the organization towards the objectives and goals. Through cross-functional teams, departments work together along with outside partners to ensure success. Using input from the Council, residents, and business leaders staff developed action statements describing the vision for each priority. These action statements can be found in each department’s section of the operating budget document.

Similar to the operating budget, the CIP projects, beginning in FY 2013, were categorized into one of the six new priority areas. By categorizing the projects, the city was better able to understand where and how it is prioritizing major projects throughout the city. This also ensured that the projects authorized in the CIP were in line with the community and the City Council’s long term vision for the city. Listed below are the City of Norfolk priorities and corresponding priority statements.

Accessibility, Mobility and Connectivity:

A comprehensive network of accessibility and information gathering options, addressing all traditional transportation modes, as well as new technologies that connect people, goods and information. Projects in this category will promote a sustainable and efficient transportation system, an effective communication network, and an accessible system of delivering goods and services to our citizens.

Economic Vitality and Workplace Development:

A growing, competitive and diversified economy that enhances the quality of life for residents through a wide range of housing, shopping, educational, cultural, business, and employment opportunities. Projects in this category will promote public infrastructure improvements designed to enhance and support private sector investments in a variety of neighborhood and commercial areas of the city. Projects in this category will also promote diversify and strengthen entertainment venues and “cool city” amenities in Norfolk.

Environmental Sustainability:

A premier waterfront community that creates a positive, regenerative effect on its environment, avoids detrimental environmental impacts, and thrives economically and culturally. Projects in this category will promote the efficient use and protection of natural resources and reduce the negative impacts of coastal flooding.

Lifelong Learning:

Residents of all ages enjoy a culture of learning that enables them to reach their full potential, achieve personal goals, and, through their knowledge, skills abilities, and talents, become well equipped to support a prosperous economy. Projects in this category promote a well-trained, qualified community workforce and increase accessibility to lifelong learning. These include construction projects to improve, replace, and/or build new elementary, middle, and high school facilities.

Safe, Healthy and Inclusive Communities:

Residents of diverse backgrounds and interests feel encouraged and empowered to assist in the development of safe and healthy neighborhoods, thereby fostering a culture of leadership, pride and well-being that advances Norfolk's brand as a desirable and enjoyable place to live, learn, work and play. Projects in this category promote a safe environment for residents, workers, and visitors, the availability of sustainable and high quality housing for residents, and create a culture that promotes health, engages in prevention, and supports the economic and social well-being of individuals and families.

Well-Managed Government:

A data-driven organization that provides effective and efficient programs and services that are responsive, accountable, and inclusive and customer focused. Projects in this category will promote efficiency of programs and services as well as developing, recruiting and retaining talented and engaged employees to meet current and future workplace needs.

NEW METHODOLOGY FOR APPROPRIATING CAPITAL PROJECT FUNDS

Beginning in FY 2016, the city will introduce an additional method of appropriating stand alone, large CIP projects. Previously the approval of such projects in the CIP were timed to the issuance of bonds and the debt limit ratios. This led to these projects being funded over a number of years timed to projected expenditures. This meant that a project would receive design funds in year one, and construction in years two, three, or four.

In the new method, these projects will receive full appropriation funds in one year, but funds will be released based on the anticipated schedule of payments for planning, design, and construction. This new methodology reduces the redundant approvals of the same project year after year and increases the accountability of cost estimates provided at the time of the initial authorization. This approach allows for better management of cash flow and for bond issuance only when needed, saving unnecessary interest payments.

Umbrella projects that focus on maintaining and improving infrastructure will continue to be appropriated on an annual basis. These projects include, but are not limited to, maintenance of streets, bridges, sidewalks, parks, public utilities, and improvement of city facilities.

The following tables illustrate the two methods used in the FY 2016 – FY 2020 CIP. For example, Project A had a total appropriation of \$40.0 million planned over the next four years (see table 1). This methodology appropriated funds in each fiscal year based on the estimated bond issuance for each phase of the project (planning, design, and construction).

The new proposed five year appropriation schedule consolidates that funding into one year (see table 2). Table 3 shows the anticipated schedule of expenditures for the project.

Table 1

Planned Five Year Appropriation Schedule for Stand Alone Projects						
	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Project A	\$5,000,000	\$10,000,000	\$20,000,000	\$5,000,000	\$0	\$40,000,000
Project B	\$7,000,000	\$2,000,000	\$0	\$0	\$0	\$9,000,000

Table 2

Approved Five Year Appropriation Schedule for Stand Alone Projects						
	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Project A	\$40,000,000	\$0	\$0	\$0	\$0	\$40,000,000
Project B	\$9,000,000	\$0	\$0	\$0	\$0	\$9,000,000

Table 3

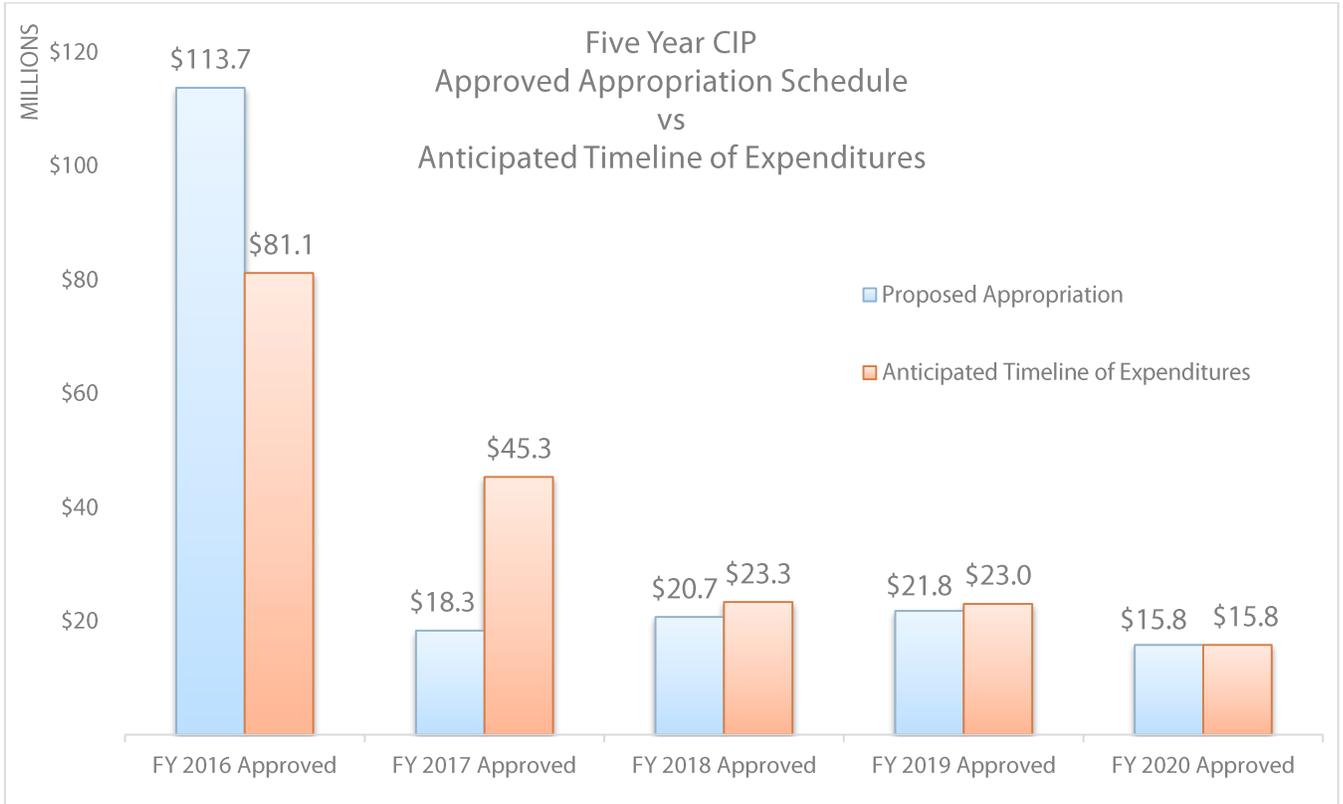
Anticipated Project Timeline for Stand Alone Projects						
	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Project A	\$10,000,000	\$15,000,000	\$10,000,000	\$3,000,000	\$2,000,000	\$40,000,000
Project B	\$2,000,000	\$4,000,000	\$2,000,000	\$1,000,000	\$0	\$9,000,000

The projects subject to this new methodology in FY 2016 - FY 2020 CIP are:

- Construct or Renovate Schools
- Build Broad Creek Library

As seen in chart 1 below, the new methodology results in a much higher appropriation in FY 2016 than originally planned. The planned FY 2016 CIP was \$47.4 million. However, based on the timeline of expenditures in Chart 1 the city anticipates spending a total of \$81.1 million in FY 2016. The increase can be attributed mainly to school construction, as the city did not have a contract implementing the Public-Private Education and Infrastructure Act of 2002 (PPEA) at the time the planned amounts were approved in FY 2015.

Chart 1



PROJECT INFORMATION

The FY 2016 Approved CIP provides for 36 projects with support from the General Capital, one project with support from Parking, six projects with support from Storm Water, one project with support from Wastewater Utility, and six projects with support from the Water Utility.

Financial information for projects can be found throughout the CIP and in the sections listed below.

- **CIP Funding Sources:** Lists the sources of revenue the city uses to fund capital projects.
- **CIP Uses of Funds:** Lists the projects approved in the FY 2016 Budget.
- **CIP Five-Year Plan Summary:** A five-year outlook of funding amounts for CIP projects in the FY 2016 Budget.
- **Project Detail by Priority Area:** Projects shown on the five-year plan are listed individually with a detailed financial breakdown.

Each approved project within the FY 2016 CIP has an individual project information page. The definitions and descriptions below are provided as a guide to understanding the individual project pages.

SEE SAMPLE PAGE FOLLOWING THESE DEFINITIONS FOR MORE INFORMATION

For each project the following information is included:

- **Project Title:** Provides a descriptive name for the project.
- **Department:** Identifies the city department that will function as the project sponsor and manager.
- **Account number:** Identifies the financial account the city uses to track project expenditures. Projects that are planned for funding in years FY 2016 – FY 2020 will not have an account code.
- **Property Address:** Identifies the location of the project. Several categories are used to identify the location of a project. Addresses are listed when a project is concentrated in a specific area. The term citywide is used when the project involves several locations throughout the city or has a citywide impact. The term “to be determined” is used when a specific site for the project has not been identified.
- **Customers Served:** Indicates the beneficiaries to be served by the project.
- **Project Description:** Provides a brief and informative description of the project.
- **Financial Summary:** The financial summary provides detailed information on the amounts appropriated for the project. This section includes the following:
 - **FY 2016 Approved:** Reflects the amounts for the project. Amounts listed in FY 2017 – FY 2020 are planned amounts for the project in the upcoming years.
 - **FY 2015 Approved:** Reflects amounts that were approved for the project when the budget was authorized in the previous fiscal year.
 - **Operating Budget Impact:** Reflects an on-going operating budget expense once the project is complete. These expenses are not paid from the capital budget.

- **Anticipated Project Timeline:** Amounts shown are a projection of how and when funds will be spent in FY 2016 - FY 2020.
- **Prior Capital Funding:** Shows the dollars previously contributed to the project from previous appropriations.
- **Capital Share Remaining:** Reflects the amount of capital funding needed to complete the project. This amount is the sum of FY 2016 – FY 2020.
- **Project Total:** Reflects the total amount of money dedicated for the completion of the project.
- **Picture:** Includes a visual depiction, if available, of the project location or the end result expected from the completion of the project.
- **Priority Area:** Identifies the priority area that each project is categorized into.

Project Description Page



Construct or Renovate Schools

Department Executive	Project Description Provide funds to construct new school buildings or complete major renovations of existing school buildings. FY 2016 funding completes the authorization needed for the construction of four schools constructed under the Public-Private Education and Infrastructure Act of 2002 (PPEA). Planned amounts have been consolidated into one fiscal year. The anticipated project timeline table below reflects the timing of expenses for the projects. Prior capital funding will also support the construction of the four schools.
Account # 4000 02 3139	
Property Address: Citywide	
Customers Served Residents <input checked="" type="checkbox"/> Business <input type="checkbox"/> City Services <input type="checkbox"/> Educational Community <input checked="" type="checkbox"/> Tourists/Visitors <input type="checkbox"/>	

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	59,000,000	0	0	0	0	59,000,000
FY 2015 Approved	10,000,000	4,400,000	29,600,000	10,000,000	10,000,000	N/A	64,000,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	31,471,228	23,658,822	3,869,950	0	0	59,000,000
Total	N/A	31,471,228	23,658,822	3,869,950	0	0	59,000,000

Prior Capital Funding	71,470,525
FY 2016 Approved	59,000,000
Capital Share Remaining	0
Project Total	130,470,525



Anticipated Project Spending

Norfolk Public Schools
NATIONALLY RECOGNIZED. GLOBALLY COMPETITIVE.

Priority

Lifelong Learning CIP - 31

OPERATING IMPACT OF MAJOR CIP PROJECTS

The operating impact of capital projects is analyzed during the CIP development process. Many new capital improvement projects entail ongoing expenses for routine operation, repair, and maintenance upon completion or acquisition. Some new capital facilities may also require the addition of new positions.

Estimated revenues and/or operational efficiency savings associated with projects are also considered during the capital project evaluation and review process. Operational costs of new facilities can have a significant financial impact on the operating budget of the city. Therefore, these costs are weighed when a project is considered for funding. Conversely, the positive contribution that a capital project can make to the fiscal well-being of the city is also factored into the decision making process. Capital projects such as redevelopment of under-performing or under-used areas of the city, and the infrastructure expansion needed to support new development help promote the economic development and growth that generates additional operating revenues or operational efficiencies.

As CIP projects are completed, the operating costs of these projects are identified, prioritized and justified as part of the city's budget process. The city plans and budgets for significant start-up costs, as well as operation and maintenance of new facilities in the operating budget. If applicable, each project contains an operating and maintenance projection for the operating costs for the first five years.

The table below represents the estimated operating and maintenance costs for approved projects. CIP projects that have been completed in prior years which have operating impacts are not shown here. Prior projects such as the Slover Library, the Southside Aquatics Center, and the new courthouse, for example, have annual operating and maintenance costs that have been added to the departments' budgets as these buildings came on-line. These impacts are taken into consideration in the city's five year expenditure forecast. Operating impacts are analyzed for funding on a project by project basis because at times these impacts can be absorbed within the department's current budget and other times additional funding may be needed. These costs are taken into account when the city authorizes a project for capital funding.

Five Year Estimated CIP Project Operating and Maintenance Cost Impact

Project Title	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Implement RPOS Master Plan	\$6,200	\$6,200	\$6,200	\$6,200	\$0
Improve Street Lights	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
Build Broad Creek Library	\$0	\$0	\$1,680,000	\$1,680,000	\$0
Support Boxing Facility at Harbor Park	\$0	\$250,000	\$250,000	\$250,000	\$250,000
Develop Bicycle, Pedestrian Greenways, Sharrows, and Complete Streets	\$7,000	\$12,000	\$12,000	\$12,000	\$12,000
Grand Total	\$48,200	\$303,200	\$1,983,200	\$1,983,200	\$297,000

*Operating and maintenance costs are addressed through the operating budget for completed projects or for an impending facilities coming online. Operation and maintenance costs are not shown for school construction as these costs are shown as part of the School Board's separate budget.

CIP FUNDING SOURCES – GENERAL CAPITAL

FY 2016 – FY 2020 Funding Sources

Sources	Approved	-----Planned-----				Total
	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
Reappropriation of Previous Authorization	\$4,430,424	\$0	\$0	\$0	\$0	\$4,430,424
Transfer From School Fund (Camp Allen)	\$6,148,800	\$0	\$0	\$0	\$0	\$6,148,800
Transfer From General Fund*	\$2,079,166	\$2,609,666	\$2,609,666	\$2,609,666	\$2,609,666	\$12,517,830
Transfer From Public Amenities Fund	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Other Cash Contribution	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Bonds	\$99,761,610	\$14,389,334	\$16,779,334	\$17,880,334	\$11,880,334	\$160,690,946
Subtotal	\$113,720,000	\$18,299,000	\$20,689,000	\$21,790,000	\$15,790,000	\$190,288,000

*Includes \$469,500 from Motor Vehicle License Fee Revenue and \$609,666 in Port Funding

CIP FUNDING SOURCES – NONGENERAL FUNDS

FY 2016 – FY 2020 Funding Sources						
Sources	Approved	-----Planned-----				Total
	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
Other CIP						
Parking Fund Cash	\$2,900,000	\$2,900,000	\$2,900,000	\$2,900,000	\$2,900,000	\$14,500,000
Subtotal Parking Fund	\$2,900,000	\$2,900,000	\$2,900,000	\$2,900,000	\$2,900,000	\$14,500,000
Storm Water Bonds	\$4,618,862	\$3,500,000	\$3,500,000	\$3,500,000	\$3,500,000	\$18,618,862
Reappropriation of Previously Authorized Cash	\$381,138	\$0	\$0	\$0	\$0	\$381,138
Storm Water Cash	\$1,315,200	\$1,315,200	\$1,315,200	\$1,315,200	\$1,315,200	\$6,576,000
Subtotal Storm Water	\$6,315,200	\$4,815,200	\$4,815,200	\$4,815,200	\$4,815,200	\$25,576,000
Wastewater Bonds	\$17,000,000	\$17,000,000	\$17,000,000	\$17,000,000	\$17,000,000	\$85,000,000
Subtotal Wastewater	\$17,000,000	\$17,000,000	\$17,000,000	\$17,000,000	\$17,000,000	\$85,000,000
Water Bond	\$10,220,000	\$10,720,000	\$13,570,000	\$7,310,000	\$16,660,000	\$58,480,000
Water Fund Cash	\$5,350,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$25,350,000
Subtotal Water	\$15,570,000	\$15,720,000	\$18,570,000	\$12,310,000	\$21,660,000	\$83,830,000
Other CIP Total	\$41,785,200	\$40,435,200	\$43,285,200	\$37,025,200	\$46,375,200	\$208,524,862
Grand Total CIP	\$155,505,200	\$58,734,200	\$63,974,200	\$58,815,200	\$62,165,200	\$399,194,000

CIP - Uses of Funds

FY 2016 - FY 2020 Capital Improvement Plan

Project Title	Page	Approved FY 2016
Accessibility, Mobility and Connectivity		
Develop Bicycle, Pedestrian Greenways, Sharrows, and Complete Streets	499	750,000
Enhance Signals and Intersections	500	200,000
Repair and Maintain Bridges - Minor	501	250,000
Repair and Replace Bridges - Major	502	1,000,000
Subtotal Accessibility, Mobility and Connectivity		2,200,000
Economic Vitality and Workforce Development		
Improve Downtown Corridor Streetscaping	503	100,000
Continue Scope Arena Improvements (PA)	504	750,000
Improve Cultural Facilities (PA)	505	250,000
Support Citywide Public Art	507	250,000
Renovate Virginia Zoo Farm and Reptile House	508	700,000
Maintain USS Wisconsin BB-64	509	500,000
Fund Chrysler Museum Capital Campaign Match	510	850,000
Subtotal Economic Vitality and Workforce Development		3,400,000
Environmental Sustainability		
Address Street Flooding Citywide	511	1,500,000
Improve Citywide Dredging and Waterways	512	350,000
Improve Roof Repair and Moisture Protection	513	250,000
Control Beach Erosion	514	500,000
Improve HVAC Systems Citywide	515	200,000
Subtotal Environmental Sustainability		2,800,000
Lifelong Learning		
Address School Major Maintenance	517	3,500,000
Construct Camp Allen Elementary School	518	11,886,000
Construct or Renovate Schools	519	59,000,000
Support Career and Technical Education	521	1,000,000
Build Broad Creek Library	522	9,000,000
Subtotal Lifelong Learning		84,386,000

FY 2016 - FY 2020 Capital Improvement Plan

Project Title	Page	Approved FY 2016
Safe, Healthy and Inclusive Communities		
Improve Denby Park Neighborhood	523	200,000
Improve Neighborhood Streets - Major	524	600,000
Improve Street Lights	525	100,000
Repair Neigh. Sts/Sidewalks/Walkways	526	500,000
Implement Fire-Rescue Facility Plan	527	5,125,000
Fund ADA Master Plan for City Facilities	528	150,000
Implement RPOS Master Plan	529	500,000
Improve Community and Neighborhood Parks	530	500,000
Improve Existing Community Centers	531	450,000
Support Boxing Facility at Harbor Park	532	2,000,000
Revitalize, Redevelop, and Conserve Neighborhoods	533	2,500,000
Improve Fairmount Park Infrastructure	534	950,000
Subtotal Safe, Healthy and Inclusive Communities		13,575,000
Well-Managed Government		
Improve Infrastructure and Acquire Property	535	1,000,000
Fund Preliminary Engineering	536	3,359,000
Maintain Municipal Facilities	537	3,000,000
Subtotal Well-Managed Government		7,359,000
Total General Capital		113,720,000
Parking Facilities		
Maintain Parking Facilities	539	2,900,000
Subtotal Parking Facilities		2,900,000
Storm Water Utility		
Create Citywide Flooding Reserve	541	1,315,200
Improve Storm Water Quality	542	950,000
Improve Storm Water System	543	600,000
Improve Storm Water Waterfront Facilities	544	500,000
Reduce Neighborhood Flooding	545	1,450,000
Support Campostella Landfill Post Closure Requirements	546	1,500,000
Subtotal Storm Water Utility		6,315,200

FY 2016 - FY 2020 Capital Improvement Plan

Project Title	Page	Approved FY 2016
Wastewater Utility		
Improve Wastewater Collection System	547	17,000,000
Subtotal Wastewater Utility		17,000,000
Water Utility		
Implement Meter Change-Out Program	551	150,000
Improve Water Pipeline Infrastructure	552	12,700,000
Rehabilitate Reservoirs Systemwide	553	1,050,000
Replace Master Meters	554	120,000
Upgrade Moores Bridges Water Treatment Plant	555	1,500,000
Upgrade Northstar Billing System	556	50,000
Subtotal Water Utility		15,570,000
Total Capital Improvement		155,505,200

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CIP Five - Year Plan Summary

FY 2016 - FY 2020 Capital Improvement Plan

Project Title	Page	Originally Planned	Approved	Planned				Total
		FY 2016	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
Accessibility, Mobility and Connectivity								
Develop Bicycle, Pedestrian Greenways, Sharrows, and Complete Streets	499	250,000	750,000	750,000	750,000	750,000	750,000	3,750,000
Enhance Signals and Intersections	500	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Repair Terminal Blvd. Concrete Pavement	-	1,750,000	-	-	-	-	-	-
Repair and Maintain Bridges - Minor	501	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
Repair and Replace Bridges - Major	502	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Subtotal Accessibility, Mobility and Connectivity		3,450,000	2,200,000	2,200,000	2,200,000	2,200,000	2,200,000	11,000,000
Economic Vitality and Workforce Development								
Improve Downtown Corridor Streetscaping	503	100,000	100,000	100,000	100,000	100,000	100,000	500,000
Continue Scope Arena Improvements (PA)	504	750,000	750,000	750,000	750,000	750,000	750,000	3,750,000
Improve Cultural Facilities (PA)	505	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
Improve Harbor Park	506	500,000	-	500,000	500,000	500,000	500,000	2,000,000
Support Citywide Public Art	507	250,000	250,000	250,000	-	-	-	500,000
Renovate Virginia Zoo Farm and Reptile House	508	-	700,000	-	-	-	-	700,000
Maintain USS Wisconsin BB-64	509	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Fund Chrysler Museum Capital Campaign Match	510	850,000	850,000	850,000	850,000	850,000	850,000	4,250,000
Subtotal Economic Vitality and Workforce Development		3,200,000	3,400,000	3,200,000	2,950,000	2,950,000	2,950,000	15,450,000

FY 2016 - FY 2020 Capital Improvement Plan

Project Title	Page	Originally Planned	Approved	Planned				Total
		FY 2016	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
Environmental Sustainability								
Address Street Flooding Citywide	511	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Improve Citywide Dredging and Waterways	512	150,000	350,000	150,000	150,000	150,000	150,000	950,000
Improve Roof Repair and Moisture Protection	513	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
Control Beach Erosion	514	500,000	500,000	790,000	790,000	790,000	790,000	3,660,000
Improve HVAC Systems Citywide	515	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Subtotal Environmental Sustainability		2,600,000	2,800,000	2,890,000	2,890,000	2,890,000	2,890,000	14,360,000
Lifelong Learning								
Address School Major Maintenance	517	3,000,000	3,500,000	2,000,000	2,000,000	2,000,000	2,000,000	11,500,000
Construct Camp Allen Elementary School	518	7,686,000	11,886,000	-	-	-	-	11,886,000
Construct or Renovate Schools	519	4,400,000	59,000,000	-	-	-	-	59,000,000
Improve Maury High School	520	-	-	-	-	6,000,000	-	6,000,000
Support Career and Technical Education	521	-	1,000,000	-	-	-	-	1,000,000
Build Broad Creek Library	522	7,000,000	9,000,000	-	-	-	-	9,000,000
Subtotal Lifelong Learning		22,086,000	84,386,000	2,000,000	2,000,000	8,000,000	2,000,000	98,386,000
Safe, Healthy and Inclusive Communities								
Improve Denby Park Neighborhood	523	-	200,000	-	-	-	-	200,000
Support Norfolk Studios Program	-	500,000	-	-	-	-	-	-
Improve Neighborhood Streets - Major	524	300,000	600,000	300,000	300,000	300,000	300,000	1,800,000
Improve Street Lights	525	100,000	100,000	100,000	100,000	100,000	100,000	500,000
Repair Neigh. Sts/Sidewalks/Walkways	526	250,000	500,000	250,000	250,000	250,000	250,000	1,500,000
Implement Fire-Rescue	527	4,125,000	5,125,000	-	3,740,000	-	-	8,865,000

FY 2016 - FY 2020 Capital Improvement Plan

Project Title	Page	Originally Planned	Approved	Planned				Total
		FY 2016	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
Facility Plan								
Fund ADA Master Plan for City Facilities	528	150,000	150,000	150,000	150,000	150,000	150,000	750,000
Implement RPOS Master Plan	529	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Improve Community and Neighborhood Parks	530	250,000	500,000	250,000	250,000	250,000	250,000	1,500,000
Improve Existing Community Centers	531	200,000	450,000	200,000	200,000	200,000	200,000	1,250,000
Support Boxing Facility at Harbor Park	532	-	2,000,000	-	-	-	-	2,000,000
Revitalize, Redevelop, and Conserve Neighborhoods	533	2,500,000	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	10,500,000
Improve Fairmount Park Infrastructure	534	1,850,000	950,000	-	-	-	-	950,000
Subtotal Safe, Healthy and Inclusive Communities		10,725,000	13,575,000	3,750,000	7,490,000	3,750,000	3,750,000	32,315,000
Well-Managed Government								
Improve Infrastructure and Acquire Property	535	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Fund Preliminary Engineering	536	3,359,000	3,359,000	2,259,000	1,159,000	-	-	6,777,000
Maintain Municipal Facilities	537	1,000,000	3,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,000,000
Subtotal Well-Managed Government		5,359,000	7,359,000	4,259,000	3,159,000	2,000,000	2,000,000	18,777,000
Total General Capital		47,420,000	113,720,000	18,299,000	20,689,000	21,790,000	15,790,000	190,288,000

FY 2016 - FY 2020 Capital Improvement Plan

Project Title	Page	Originally Planned	Approved	Planned				Total
		FY 2016	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
Parking Facilities								
Maintain Parking Facilities	539	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	14,500,000
Subtotal Parking Facilities		2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	14,500,000
Storm Water Utility								
Create Citywide Flooding Reserve	541	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	6,576,000
Improve Storm Water Quality	542	950,000	950,000	950,000	950,000	950,000	950,000	4,750,000
Improve Storm Water System	543	600,000	600,000	600,000	600,000	600,000	600,000	3,000,000
Improve Storm Water Waterfront Facilities	544	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Reduce Neighborhood Flooding	545	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	7,250,000
Support Campostella Landfill Post Closure Requirements	546	-	1,500,000	-	-	-	-	1,500,000
Subtotal Storm Water Utility		4,815,200	6,315,200	4,815,200	4,815,200	4,815,200	4,815,200	25,576,000
Wastewater Utility								
Improve Wastewater Collection System	547	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	85,000,000
Subtotal Wastewater Utility		17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	85,000,000

FY 2016 - FY 2020 Capital Improvement Plan

Project Title	Page	Originally Planned Approved		Planned				Total
		FY 2016	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	
Water Utility								
Comply With Safe Drinking Water Act Amendments	549	-	-	100,000	-	1,000,000	200,000	1,300,000
Design and Construct 37th Street Plant	550	-	-	-	-	-	5,000,000	5,000,000
Implement Meter Change-Out Program	551	150,000	150,000	150,000	150,000	150,000	150,000	750,000
Improve Water Pipeline Infrastructure	552	12,700,000	12,700,000	12,000,000	11,000,000	11,040,000	6,400,000	53,140,000
Install New Aerators - Western Branch	-	800,000	-	-	-	-	-	-
Rehabilitate Reservoirs Systemwide	553	-	1,050,000	350,000	5,250,000	-	2,390,000	9,040,000
Replace Master Meters	554	120,000	120,000	120,000	120,000	120,000	120,000	600,000
Upgrade Moores Bridges Water Treatment Plant	555	1,500,000	1,500,000	3,000,000	2,000,000	-	7,000,000	13,500,000
Upgrade Northstar Billing System	556	50,000	50,000	-	50,000	-	400,000	500,000
Subtotal Water Utility		15,320,000	15,570,000	15,720,000	18,570,000	12,310,000	21,660,000	83,830,000
Total Capital Improvement		87,455,200	155,505,200	58,734,200	63,974,200	58,815,200	62,165,200	399,194,000

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Accessibility, Mobility and Connectivity



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Develop Bicycle, Pedestrian Greenways, Sharrows, and Complete Streets

Department

Public Works

Account

4000 10 4194

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to develop citywide transportation connectivity initiatives. These initiatives may include the construction of new bike and pedestrian trails, sidewalk and curb improvements, bike lane striping, and other improvements that promote the Recreation, Parks, and Open Space Master Plan and complete streets initiatives. The complete streets initiative promotes safe access for all users including pedestrians, bicyclists, motorists, and transit users of all ages and abilities.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	750,000	750,000	750,000	750,000	750,000	3,750,000
FY 2015 Approved	250,000	250,000	250,000	250,000	250,000	N/A	1,250,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	50,000	25,000	25,000	25,000	25,000	150,000
Construction	N/A	700,000	225,000	225,000	225,000	225,000	1,600,000
Total	N/A	750,000	250,000	250,000	250,000	250,000	1,750,000

Prior Capital Funding	500,000
FY 2016 Approved	750,000
Capital Share Remaining	3,000,000
Project Total	4,250,000



Enhance Signals and Intersections

Department

Public Works

Account

4000 10 3041

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the improvement and upgrade of the traffic signal system and intersections that experience traffic congestion and traffic safety issues. Planned improvements include new signalized intersections, school flashing signals, pedestrian crossing improvements, various roadway capacity and neighborhood access improvements, and conversion to Light Emitting Diode (LED) lights.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	200,000	200,000	200,000	200,000	200,000	1,000,000
FY 2015 Approved	200,000	200,000	200,000	200,000	200,000	N/A	1,000,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	50,000	50,000	50,000	50,000	50,000	250,000
Construction	N/A	150,000	150,000	150,000	150,000	150,000	750,000
Total	N/A	200,000	200,000	200,000	200,000	200,000	1,000,000

Prior Capital Funding	8,169,000
FY 2016 Approved	200,000
Capital Share Remaining	800,000
Project Total	9,169,000



Repair and Maintain Bridges - Minor

Department

Public Works

Account

4000 10 3021

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the routine minor repairs and maintenance of bridges. Repairs may include bridge coating and corrosion protection, concrete repair, joint sealing, bearing pad replacement, embankment repair, and lighting upgrades.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000
FY 2015 Approved	250,000	250,000	250,000	250,000	250,000	N/A	1,250,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	25,000	25,000	25,000	25,000	25,000	125,000
Construction	N/A	225,000	225,000	225,000	225,000	225,000	1,125,000
Total	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000

Prior Capital Funding	7,325,000
FY 2016 Approved	250,000
Capital Share Remaining	1,000,000
Project Total	8,575,000



Repair and Replace Bridges - Major

Department

Public Works

Account

4000 10 3020

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the replacement, repair, upgrade, or demolition of key bridge structures that are in significant stages of deterioration. FY 2016 funding will be used for the West Ocean View / Tidewater Drive Intersection (design), Granby Street over Lafayette River (design and construction), Botetourt Street Pedestrian Bridge - Rehabilitation and removal of lead-based paint, Hampton Blvd over Lafayette River, North and South Bound (design and construction), and Campostella Road over Elizabeth River (design and construction).

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
FY 2015 Approved	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	N/A	5,000,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	800,000	200,000	200,000	200,000	200,000	1,600,000
Construction	N/A	200,000	800,000	800,000	800,000	800,000	3,400,000
Total	N/A	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000

Prior Capital Funding	17,451,208
FY 2016 Approved	1,000,000
Capital Share Remaining	4,000,000
Project Total	22,451,208



Economic Vitality and Workforce Development



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Improve Downtown Corridor Streetscaping

Department

Public Works

Account

4000 10 3113

Property Address:

Downtown Area

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for streetscaping and corridor improvements in the Central Business District. The scope of the project may include the installation of curbing, brick sidewalks, and paths downtown to encourage a pedestrian friendly environment.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	100,000	100,000	100,000	100,000	100,000	500,000
FY 2015 Approved	100,000	100,000	100,000	100,000	100,000	N/A	500,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	10,000	10,000	10,000	10,000	10,000	50,000
Construction	N/A	90,000	90,000	90,000	90,000	90,000	450,000
Total	N/A	100,000	100,000	100,000	100,000	100,000	500,000

Prior Capital Funding	5,062,601
FY 2016 Approved	100,000
Capital Share Remaining	400,000
Project Total	5,562,601



Continue Scope Arena Improvements (PA)

Department

Cultural Fac., Arts & Ent.

Account

4000 16 3156

Property Address:

215 St. Pauls Boulevard

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for ongoing renovations and improvements to Scope arena. Funds from Public Amenities (PA) are used to support this project.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	750,000	750,000	750,000	750,000	750,000	3,750,000
FY 2015 Approved	750,000	750,000	750,000	750,000	750,000	N/A	3,750,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	750,000	750,000	750,000	750,000	750,000	3,750,000
Total	N/A	750,000	750,000	750,000	750,000	750,000	3,750,000

Prior Capital Funding	2,625,000
FY 2016 Approved	750,000
Capital Share Remaining	3,000,000
Project Total	6,375,000



Improve Cultural Facilities (PA)

Department

Cultural Fac., Arts & Ent.

Account

4000 16 4098

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for general improvements and renovation to cultural facilities. Improvements will increase and enhance the cultural experience of visitors and residents. Public Amenities funds are used to support this project.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000
FY 2015 Approved	250,000	250,000	250,000	250,000	250,000	N/A	1,250,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000
Total	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000

Prior Capital Funding	2,998,000
FY 2016 Approved	250,000
Capital Share Remaining	1,000,000
Project Total	4,248,000



Improve Harbor Park

Department

Cultural Fac., Arts & Ent.

Account

4000 16 4206

Property Address:

150 Park Avenue

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for ongoing upgrades and maintenance at Harbor Park to enhance the facility and improve the visitor experience. The park was built in 1993 and features 9,000 lower deck seats, 2,800 upper deck seats, and 400 seats in 24 luxury skyboxes leased to area corporations. The city committed to \$3.0 million in support for improvements and has provided \$500,000 as of FY 2015. FY 2016 planned funding has been updated to reflect the actual timing of improvements.

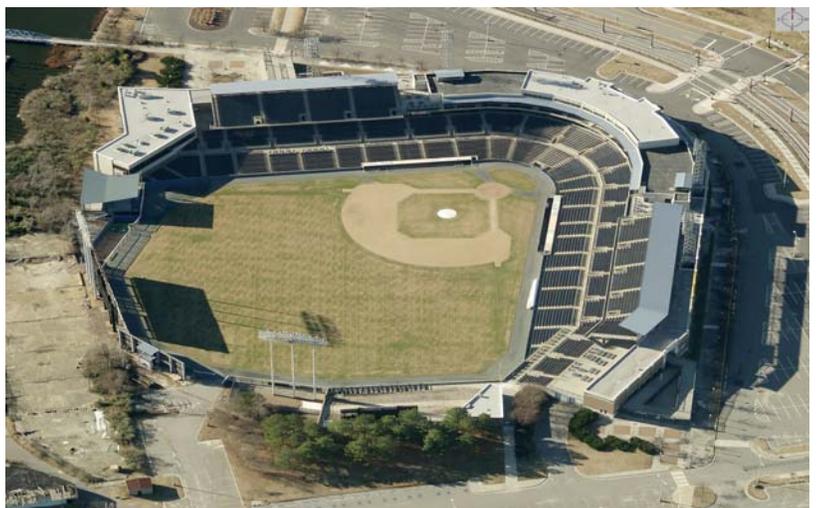
Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	0	500,000	500,000	500,000	500,000	2,000,000
FY 2015 Approved	500,000	500,000	500,000	500,000	500,000	N/A	2,500,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	50,000	50,000	50,000	50,000	200,000
Construction	N/A	0	450,000	450,000	450,000	450,000	1,800,000
Total	N/A	0	500,000	500,000	500,000	500,000	2,000,000

Prior Capital Funding	500,000
FY 2016 Approved	0
Capital Share Remaining	2,000,000
Project Total	2,500,000



Support Citywide Public Art

Department

Cultural Fac., Arts & Ent.

Account

4000 16 4166

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to continue the Public Art Program established by the City Council in FY 2006. The public art program strives to provide enduring, impactful artwork in Norfolk that reflects the city's cultural identities and that also challenges, delights, educates, beautifies and gives character to our public spaces.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	250,000	250,000	0	0	0	500,000
FY 2015 Approved	250,000	250,000	0	0	0	N/A	500,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	250,000	250,000	0	0	0	500,000
Total	N/A	250,000	250,000	0	0	0	500,000

Prior Capital Funding	500,000
FY 2016 Approved	250,000
Capital Share Remaining	250,000
Project Total	1,000,000



Renovate Virginia Zoo Farm and Reptile House

Department

Zoo

Account

4000 36 4211

Property Address:

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for two renovation initiatives at the Norfolk Zoo. The first replaces visitor paths and existing animal fencing, improves storm water drainage, and provides utility upgrades to the Zoo Farm. The second provides improvements to the reptile house including stabilizing the existing utilities and HVAC system, reconfiguring the visitor path, and rebuilding the animal exhibits. The total cost of both projects is \$3.4 million. FY 2016 funding represents the city's match to the Zoo Society.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	700,000	0	0	0	0	700,000
FY 2015 Approved	0	0	0	0	0	N/A	0
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	50,000	0	0	0	0	50,000
Construction	N/A	650,000	0	0	0	0	650,000
Total	N/A	700,000	0	0	0	0	700,000

Prior Capital Funding	0
FY 2016 Approved	700,000
Capital Share Remaining	0
Project Total	700,000



Maintain USS Wisconsin BB-64

Department

Maritime Center

Account

4000 37 4178

Property Address:

1 Waterside Drive

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the maintenance and long-term upkeep of the USS Wisconsin. Current maintenance repairs needed include the cleaning, repair and painting of the hull, accessibility improvements for doors and egress, anti-corrosion applications above water, equipment and systems improvements, and required environmental testing.

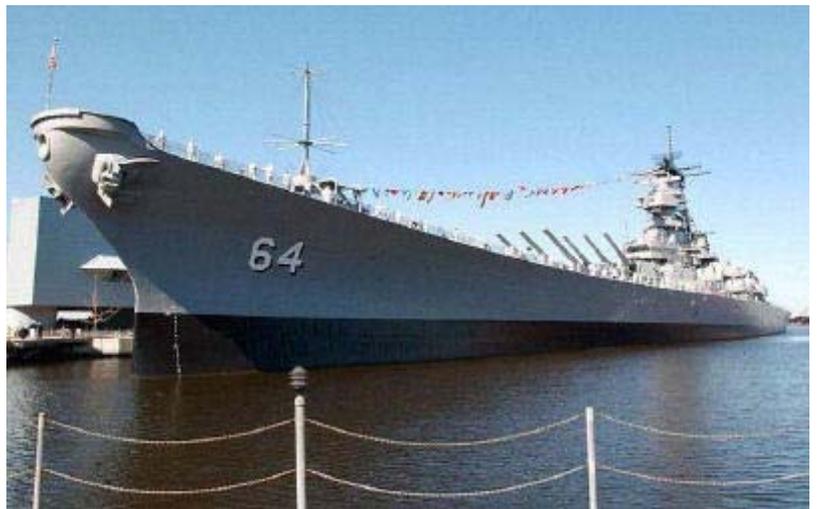
Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000
FY 2015 Approved	500,000	500,000	500,000	500,000	500,000	N/A	2,500,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000

Prior Capital Funding	1,750,000
FY 2016 Approved	500,000
Capital Share Remaining	2,000,000
Project Total	4,250,000



Fund Chrysler Museum Capital Campaign Match

Department

Chrysler Museum

Account

4000 18 3073

Property Address:

245 W. Olney Road

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide match funds to supplement funds raised by Chrysler Museum for capital improvements that will expand and renovate the building. The total contribution commitment is \$10.0 million. Including FY 2016, the city has contributed \$6.6 million towards its contribution.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	850,000	850,000	850,000	850,000	850,000	4,250,000
FY 2015 Approved	1,000,000	850,000	850,000	850,000	850,000	N/A	4,400,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	850,000	850,000	850,000	850,000	850,000	4,250,000
Construction	N/A	0	0	0	0	0	0
Total	N/A	850,000	850,000	850,000	850,000	850,000	4,250,000

Prior Capital Funding	5,010,000
FY 2016 Approved	850,000
Capital Share Remaining	3,400,000
Project Total	9,260,000



Environmental Sustainability



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Address Street Flooding Citywide

Department

Public Works

Account

4000 10 4101

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to address street flooding issues throughout the city. Activities will include a comprehensive review of street flooding and priority setting. These projects supplement the Storm Water fund capital improvement programs to address specific concerns. Additionally, these projects may also correct minor to moderate flooding concerns from citizens that are compiled by the Department of Public Works and addressed systematically as funding becomes available.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
FY 2015 Approved	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	N/A	7,500,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	150,000	150,000	150,000	150,000	150,000	750,000
Construction	N/A	1,350,000	1,350,000	1,350,000	1,350,000	1,350,000	6,750,000
Total	N/A	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000

Prior Capital Funding	10,700,000
FY 2016 Approved	1,500,000
Capital Share Remaining	6,000,000
Project Total	18,200,000



Improve Citywide Dredging and Waterways

Department

Public Works

Account

4000 10 3080

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the dredging and improvement of waterways and adjacent shorelines.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	350,000	150,000	150,000	150,000	150,000	950,000
FY 2015 Approved	150,000	150,000	150,000	150,000	150,000	N/A	750,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	15,000	15,000	15,000	15,000	15,000	75,000
Construction	N/A	135,000	135,000	135,000	135,000	135,000	675,000
Total	N/A	150,000	150,000	150,000	150,000	150,000	750,000

Prior Capital Funding	4,110,000
FY 2016 Approved	350,000
Capital Share Remaining	600,000
Project Total	5,060,000



Improve Roof Repair and Moisture Protection

Department

Public Works

Account

4000 10 3025

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the continued inspection, repair, and replacement of roofs on city-owned buildings. Planned activities include the repair or replacement of roofs at libraries, cultural facilities, recreational facilities, and other city buildings. These funds also support citywide emergencies, inspections, and design costs.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000
FY 2015 Approved	250,000	250,000	250,000	250,000	250,000	N/A	1,250,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	50,000	50,000	50,000	50,000	50,000	250,000
Construction	N/A	200,000	200,000	200,000	200,000	200,000	1,000,000
Total	N/A	250,000	250,000	250,000	250,000	250,000	1,250,000

Prior Capital Funding	11,333,300
FY 2016 Approved	250,000
Capital Share Remaining	1,000,000
Project Total	12,583,300



Control Beach Erosion

Department

City Planning & Comm. Dev.

Account

4000 15 3049

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the implementation of shoreline erosion control structures, shoreline modeling, annual wave gauge maintenance, sand replenishment, dune maintenance, repair and re-vegetation and continuation of the biennial beach survey. In FY 2016, the Army Corp of Engineers will begin an \$18.4 million beach nourishment project. The city's cost share of the project is \$5.5 million and will be paid over 30 years at a rate of \$300,000 per year. Funds to support the beach nourishment project are proposed beginning in FY 2017.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	500,000	790,000	790,000	790,000	790,000	3,660,000
FY 2015 Approved	500,000	500,000	500,000	500,000	500,000	N/A	2,500,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	90,000	90,000	90,000	90,000	90,000	450,000
Construction	N/A	410,000	700,000	700,000	700,000	700,000	3,210,000
Total	N/A	500,000	790,000	790,000	790,000	790,000	3,660,000

Prior Capital Funding	29,573,500
FY 2016 Approved	500,000
Capital Share Remaining	3,160,000
Project Total	33,233,500



Improve HVAC Systems Citywide

Department

General Services

Account

4000 44 3196

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the repair or replacement of outdated or inefficient heating, ventilation and air conditioning (HVAC) systems in various facilities. Phase I of a comprehensive building assessment study which includes the inspection of 48 buildings encompassing 1.1 million square feet is nearly complete. The assessment findings will be used to prioritize the repair or replacement of citywide HVAC systems.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	200,000	200,000	200,000	200,000	200,000	1,000,000
FY 2015 Approved	200,000	200,000	200,000	200,000	200,000	N/A	1,000,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	30,000	30,000	30,000	30,000	30,000	150,000
Construction	N/A	170,000	170,000	170,000	170,000	170,000	850,000
Total	N/A	200,000	200,000	200,000	200,000	200,000	1,000,000

Prior Capital Funding	4,525,000
FY 2016 Approved	200,000
Capital Share Remaining	800,000
Project Total	5,525,000



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Lifelong Learning



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Address School Major Maintenance

Department

Executive

Account

4000 02 3193

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide support for major maintenance and repair to school facilities. Expenditures in this category help preserve the life of buildings, perform major preventative maintenance and significant repairs. Each year, prior to the distribution of funds, Norfolk Public Schools shall provide a list of planned projects as well as the results of the prior year's efforts.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	3,500,000	2,000,000	2,000,000	2,000,000	2,000,000	11,500,000
FY 2015 Approved	3,300,000	3,000,000	2,000,000	2,000,000	2,000,000	N/A	12,300,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	3,500,000	2,000,000	2,000,000	2,000,000	2,000,000	11,500,000
Total	N/A	3,500,000	2,000,000	2,000,000	2,000,000	2,000,000	11,500,000

Prior Capital Funding	23,800,000
FY 2016 Approved	3,500,000
Capital Share Remaining	8,000,000
Project Total	35,300,000



Construct Camp Allen Elementary School

Department

Executive

Account

4000 02 4197

Property Address:

501 C Street

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to support the required match of up to 20 percent for the construction of a new Camp Allen Elementary School. The school is eligible for the Department of Defense (DOD) Program for Construction, Renovation, Repair or Expansion of Public Schools Located on Military Installations. The DOD is supporting at least 80 percent of the total estimated cost of \$28.7 million. The city's estimated total contribution will be \$5.7 million. Prior funding for this project is being used for the construction of four public schools. FY 2016 funding represents the total required matching funds plus the federal match portion that was planned for FY 2016.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	11,886,000	0	0	0	0	11,886,000
FY 2015 Approved	17,000,000	7,686,000	0	0	0	N/A	24,686,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	6,259,808	4,613,585	1,012,607	0	0	11,886,000
Total	N/A	6,259,808	4,613,585	1,012,607	0	0	11,886,000

Prior Capital Funding	21,000,000
FY 2016 Approved	11,886,000
Capital Share Remaining	0
Project Total	32,886,000



Construct or Renovate Schools

Department

Executive

Account

4000 02 3139

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to construct new school buildings or complete major renovations of existing school buildings. FY 2016 funding completes the authorization needed for the construction of four schools constructed under the Public-Private Education and Infrastructure Act of 2002 (PPEA). Planned amounts have been consolidated into one fiscal year. The anticipated project timeline table below reflects the timing of expenses for the projects. Prior capital funding will also support the construction of the four schools.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	59,000,000	0	0	0	0	59,000,000
FY 2015 Approved	10,000,000	4,400,000	29,600,000	10,000,000	10,000,000	N/A	64,000,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	31,471,228	23,658,822	3,869,950	0	0	59,000,000
Total	N/A	31,471,228	23,658,822	3,869,950	0	0	59,000,000

Prior Capital Funding	71,470,525
FY 2016 Approved	59,000,000
Capital Share Remaining	0
Project Total	130,470,525



Norfolk Public Schools
NATIONALLY RECOGNIZED. GLOBALLY COMPETITIVE.

Improve Maury High School

Department

Executive

Account

N/A

Property Address:

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide Funds for Maury High School exterior repair and rehabilitation. The school, built in 1911, is one of many historically significant buildings throughout the city. Planned funds in FY 2018 will provide for extensive repairs to the exterior masonry and windows. Prior to the exterior renovations, work will be done to determine the extent of other renovations required to the building, including interior and structural rehabilitation.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	0	0	0	6,000,000	0	6,000,000
FY 2015 Approved	0	0	0	0	0	N/A	0
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	500,000	0	500,000
Construction	N/A	0	0	0	5,500,000	0	5,500,000
Total	N/A	0	0	0	6,000,000	0	6,000,000

Prior Capital Funding	0
FY 2016 Approved	0
Capital Share Remaining	6,000,000
Project Total	6,000,000



Norfolk Public Schools
NATIONALLY RECOGNIZED. GLOBALLY COMPETITIVE.

Support Career and Technical Education

Department

Executive

Account

4000 02 4212

Property Address:

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to support the Career and Technical Education (CTE) program. The CTE program provides students with education opportunities that integrate academic and technical content while providing real-world experiences. \$500,000 was provided in FY 2013 for the initial planning of CTE.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	1,000,000	0	0	0	0	1,000,000
FY 2015 Approved	0	0	0	0	0	N/A	0
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	250,000	0	0	0	0	250,000
Construction	N/A	750,000	0	0	0	0	750,000
Total	N/A	1,000,000	0	0	0	0	1,000,000

Prior Capital Funding	0
FY 2016 Approved	1,000,000
Capital Share Remaining	0
Project Total	1,000,000



Norfolk Public Schools
NATIONALLY RECOGNIZED. GLOBALLY COMPETITIVE.

Build Broad Creek Library

Department

Libraries

Account

4000 13 3157

Property Address:

Broad Creek Area

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to construct a new anchor branch library in the Broadcreek neighborhood. The library is scheduled to open simultaneously with the new Broadcreek School. Planned amounts have been consolidated into one fiscal year. The anticipated project timeline table below reflects the timing of expenses for the projects.

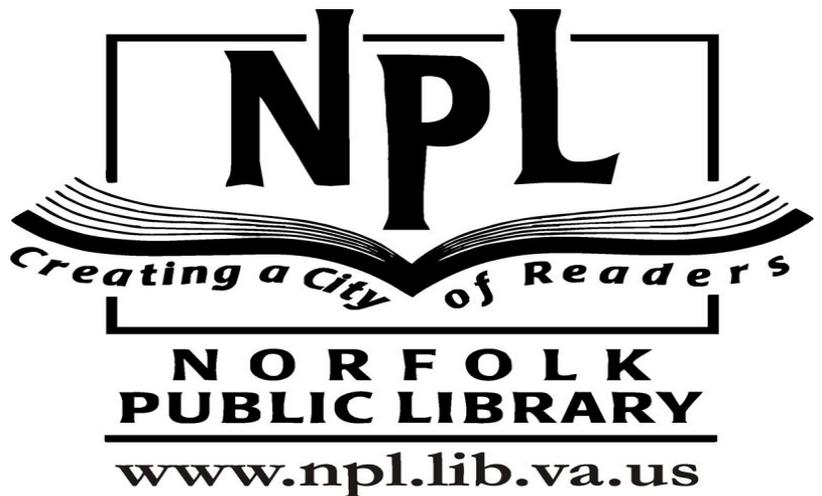
Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	9,000,000	0	0	0	0	9,000,000
FY 2015 Approved	1,000,000	7,000,000	2,000,000	0	0	N/A	10,000,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	7,000,000	2,000,000	0	0	0	9,000,000
Total	N/A	7,000,000	2,000,000	0	0	0	9,000,000

Prior Capital Funding	1,165,238
FY 2016 Approved	9,000,000
Capital Share Remaining	0
Project Total	10,165,238



Safe, Healthy and Inclusive Communities



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Improve Denby Park Neighborhood

Department

Executive

Account

4000 02 4213

Property Address:

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for acquisition, maintenance and infrastructure improvements in the Denby Park neighborhood.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	200,000	0	0	0	0	200,000
FY 2015 Approved	0	0	0	0	0	N/A	0
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	50,000	0	0	0	0	50,000
Construction	N/A	150,000	0	0	0	0	150,000
Total	N/A	200,000	0	0	0	0	200,000

Prior Capital Funding	0
FY 2016 Approved	200,000
Capital Share Remaining	0
Project Total	200,000



Improve Neighborhood Streets - Major

Department

Public Works

Account

4000 10 3031

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the installation of new curbs, gutters, sidewalks, resurfacing, and drainage improvements in various neighborhood locations in accordance with prioritized needs and the city's complete streets initiative. The complete streets initiative promotes safe access for all users including pedestrians, bicyclists, motorists, and transit users of all ages and abilities.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	600,000	300,000	300,000	300,000	300,000	1,800,000
FY 2015 Approved	300,000	300,000	300,000	300,000	300,000	N/A	1,500,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	60,000	30,000	30,000	30,000	30,000	180,000
Construction	N/A	540,000	270,000	270,000	270,000	270,000	1,620,000
Total	N/A	600,000	300,000	300,000	300,000	300,000	1,800,000

Prior Capital Funding	8,571,000
FY 2016 Approved	600,000
Capital Share Remaining	1,200,000
Project Total	10,371,000



Improve Street Lights

Department

Public Works

Account

4000 10 3024

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to improve the street lighting infrastructure system and help improve public safety through the conversion, special projects, and infrastructure expansion and repair programs for street lights.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	100,000	100,000	100,000	100,000	100,000	500,000
FY 2015 Approved	100,000	100,000	100,000	100,000	100,000	N/A	500,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	100,000	100,000	100,000	100,000	100,000	500,000
Total	N/A	100,000	100,000	100,000	100,000	100,000	500,000

Prior Capital Funding	2,263,500
FY 2016 Approved	100,000
Capital Share Remaining	400,000
Project Total	2,763,500



Repair Neigh. Sts/Sidewalks/Walkways

Department

Public Works

Account

4000 10 3030

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the repair or rehabilitation of streets, sidewalks, curbs, gutters, promenades, street pavements, and walkways throughout neighborhoods in accordance with the city's complete streets initiative. The complete streets initiative promotes safe access for all users including pedestrians, bicyclists, motorists, and transit users of all ages and abilities.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	500,000	250,000	250,000	250,000	250,000	1,500,000
FY 2015 Approved	250,000	250,000	250,000	250,000	250,000	N/A	1,250,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	50,000	25,000	25,000	25,000	25,000	150,000
Construction	N/A	450,000	225,000	225,000	225,000	225,000	1,350,000
Total	N/A	500,000	250,000	250,000	250,000	250,000	1,500,000

Prior Capital Funding	12,455,000
FY 2016 Approved	500,000
Capital Share Remaining	1,000,000
Project Total	13,955,000



Implement Fire-Rescue Facility Plan

Department

Fire - Rescue Services

Account

4000 20 4142

Property Address:

To Be Determined

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to replace or renovate Fire-Rescue facilities. There are currently two fire stations (stations 11 and 12) that are over 85 years old. Planning is underway to determine site locations for the new fire stations. Planned funding has been updated to reflect the expected design and construction needs for the two fire stations. The anticipated project timeline table below shows when funding for the projects will be needed. Funding for the demolition of Meadowbrook school is included in FY 2016.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	5,125,000	0	3,740,000	0	0	8,865,000
FY 2015 Approved	0	4,125,000	3,740,000	0	0	N/A	7,865,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	3,775,000	1,350,000	2,505,800	1,234,200	0	8,865,000
Total	N/A	3,775,000	1,350,000	2,505,800	1,234,200	0	8,865,000

Prior Capital Funding	530,500
FY 2016 Approved	5,125,000
Capital Share Remaining	3,740,000
Project Total	9,395,500



Fund ADA Master Plan for City Facilities

Department

General Services

Account

4000 44 3070

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for improvements at city facilities to accommodate the needs of persons with disabilities. The Americans with Disabilities Act (ADA) requires ongoing attention to the access needs of the disabled. These improvements include restroom configuration, signage, entrances, curb cuts, access ramps, benches, water fountains, counter service desks, facility seating, and other equipment to improve accessibility.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	150,000	150,000	150,000	150,000	150,000	750,000
FY 2015 Approved	150,000	150,000	150,000	150,000	150,000	N/A	750,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	150,000	150,000	150,000	150,000	150,000	750,000
Total	N/A	150,000	150,000	150,000	150,000	150,000	750,000

Prior Capital Funding	3,060,000
FY 2016 Approved	150,000
Capital Share Remaining	600,000
Project Total	3,810,000



Implement RPOS Master Plan

Department

Recreation/Parks and Open Space

Account

4000 78 4190

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Implement the Recreation Parks and Open Space (RPOS) Master Plan. This plan serves as a guiding vision for parks and recreation facilities. The plan includes proposed capital projects to be phased in over a 20 year period. Highlights of the improvements include: access to water (boat ramp repairs), facility and park improvements, and development of trails and bikeways. The FY 2015 budget was amended to provide \$250,000 in support for Bay Oaks Park, \$250,000 in support for a Poplar Halls Community Center, and \$250,000 in support for a new boxing center at Harbor Park (shown in Support Boxing Facility Project).

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000
FY 2015 Approved	1,000,000	500,000	500,000	500,000	500,000	N/A	3,000,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000

Prior Capital Funding	2,500,000
FY 2016 Approved	500,000
Capital Share Remaining	2,000,000
Project Total	5,000,000



Improve Community and Neighborhood Parks

Department

Recreation/Parks and Open Space

Account

4000 78 3004

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to improve and upgrade amenities within community parks around the city such as playgrounds and playing fields.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	500,000	250,000	250,000	250,000	250,000	1,500,000
FY 2015 Approved	250,000	250,000	250,000	250,000	250,000	N/A	1,250,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	30,000	15,000	15,000	15,000	15,000	90,000
Construction	N/A	470,000	235,000	235,000	235,000	235,000	1,410,000
Total	N/A	500,000	250,000	250,000	250,000	250,000	1,500,000

Prior Capital Funding	4,215,000
FY 2016 Approved	500,000
Capital Share Remaining	1,000,000
Project Total	5,715,000



Improve Existing Community Centers

Department

Recreation/Parks and Open Space

Account

4000 78 3000

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for improvements to entranceways, landscaping, and interior and exterior renovations. Planned work will enhance the appearance, serviceability and safety at various recreation centers throughout the city.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	450,000	200,000	200,000	200,000	200,000	1,250,000
FY 2015 Approved	200,000	200,000	200,000	200,000	200,000	N/A	1,000,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	30,000	15,000	15,000	15,000	15,000	90,000
Construction	N/A	420,000	185,000	185,000	185,000	185,000	1,160,000
Total	N/A	450,000	200,000	200,000	200,000	200,000	1,250,000

Prior Capital Funding	3,000,000
FY 2016 Approved	450,000
Capital Share Remaining	800,000
Project Total	4,250,000



Support Boxing Facility at Harbor Park

Department

Recreation/Parks and Open Space

Account

4000 78 4210

Property Address:

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to replace the current 3,000sq ft Barraud Park Boxing facility with a new 12000-15000 sq ft facility that can provide a safe environment for the participants of the boxing program. Elements of the new facility would include larger locker rooms and showers (men and women), larger weight lifting and cardio areas, additional boxing bags of various types, additional offices and staff, spectator seating, and laundry facilities. The FY 2015 Budget was amended to provide \$250,000 in support for the design of the new boxing facility.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	2,000,000	0	0	0	0	2,000,000
FY 2015 Approved	250,000	0	0	0	0	N/A	250,000
Estimated Operating Budget Impact	N/A	0	250,000	250,000	250,000	250,000	1,000,000

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	200,000	0	0	0	0	200,000
Construction	N/A	1,800,000	0	0	0	0	1,800,000
Total	N/A	2,000,000	0	0	0	0	2,000,000

Prior Capital Funding	250,000
FY 2016 Approved	2,000,000
Capital Share Remaining	0
Project Total	2,250,000



Revitalize, Redevelop, and Conserve Neighborhoods

Department

NRHA

Account

4000 18 4201

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the revitalization, redevelopment, and conservation of neighborhoods throughout the city. With this funding the Norfolk Redevelopment and Housing Authority (NRHA) will work in designated conservation and redevelopment areas to improve neighborhoods.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	10,500,000
FY 2015 Approved	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	N/A	12,500,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	100,000	100,000	100,000	100,000	100,000	500,000
Construction	N/A	2,400,000	1,900,000	1,900,000	1,900,000	1,900,000	10,000,000
Total	N/A	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	10,500,000

Prior Capital Funding	4,600,000
FY 2016 Approved	2,500,000
Capital Share Remaining	8,000,000
Project Total	15,100,000



Improve Fairmount Park Infrastructure

Department

Public Works

Account

4000 10 3129

Property Address:

Fairmount Park Area

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to continue the installation of storm drainage pipes, construction of curbs and gutters, and repair or construction of sidewalks which are in poor condition. This project is timed with utility repairs that are currently underway. This project is part of the Fairmount/Lafayette Boulevard Neighborhood Plan. FY 2016 funding has been updated based on revised cost estimates.

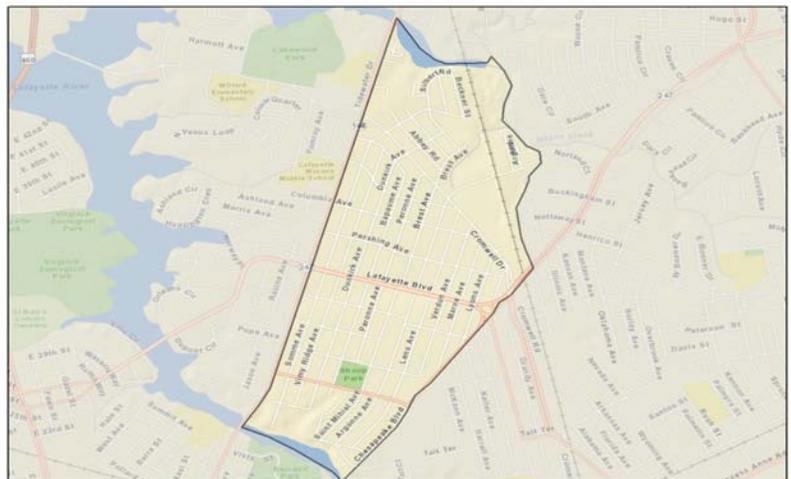
Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	950,000	0	0	0	0	950,000
FY 2015 Approved	0	1,850,000	0	0	0	N/A	1,850,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	50,000	50,000	0	0	0	100,000
Construction	N/A	700,000	150,000	0	0	0	850,000
Total	N/A	750,000	200,000	0	0	0	950,000

Prior Capital Funding	12,627,500
FY 2016 Approved	950,000
Capital Share Remaining	0
Project Total	13,577,500



Well-Managed Government



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Improve Infrastructure and Acquire Property

Department

Executive

Account

4000 02 3174

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to address various infrastructure, disposition, and acquisition needs as they arise. Phase I of a comprehensive building assessment study which includes the inspection of 48 buildings encompassing 1.1 million square feet is nearly complete. The assessment findings will be used to prioritize infrastructure, disposition, and acquisition needs.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
FY 2015 Approved	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	N/A	5,000,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	100,000	100,000	100,000	100,000	100,000	500,000
Construction	N/A	900,000	900,000	900,000	900,000	900,000	4,500,000
Total	N/A	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000

Prior Capital Funding	9,200,000
FY 2016 Approved	1,000,000
Capital Share Remaining	4,000,000
Project Total	14,200,000



Fund Preliminary Engineering

Department

Public Works

Account

4000 10 3100

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the preliminary design work, engineering and support services within the Department of Public Works for major capital projects. By internally supporting these services with city staff, a cost savings is achieved by retaining firsthand knowledge and expertise of project completion while adhering to city's policy areas. Preliminary Engineering will be phased out of the CIP over the next three fiscal years. FY 2017 and FY 2018 funding for Preliminary Engineering is planned to be split between General Fund Operating and CIP, with FY 2019 funding supported by the General Fund.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	3,359,000	2,259,000	1,159,000	0	0	6,777,000
FY 2015 Approved	3,359,000	3,359,000	3,359,000	3,359,000	3,359,000	N/A	16,795,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	3,359,000	2,259,000	1,159,000	0	0	6,777,000
Construction	N/A	0	0	0	0	0	0
Total	N/A	3,359,000	2,259,000	1,159,000	0	0	6,777,000

Prior Capital Funding	33,051,882
FY 2016 Approved	3,359,000
Capital Share Remaining	3,418,000
Project Total	39,828,882



Maintain Municipal Facilities

Department

General Services

Account

4000 44 3006

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to renovate and improve civic buildings, office space, and city-owned service facilities. Phase I of a comprehensive building assessment study which includes the inspection of 48 buildings encompassing 1.1 million square feet is nearly complete. The assessment findings will be used to prioritize improvements and renovations to city owned facilities. FY 2016 funding provides for replacement of the fire protection system at the Norfolk Fitness and Wellness Center, support for improvements to the jail facility, and support for the second phase of the city building assessment study.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	3,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,000,000
FY 2015 Approved	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	N/A	6,000,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

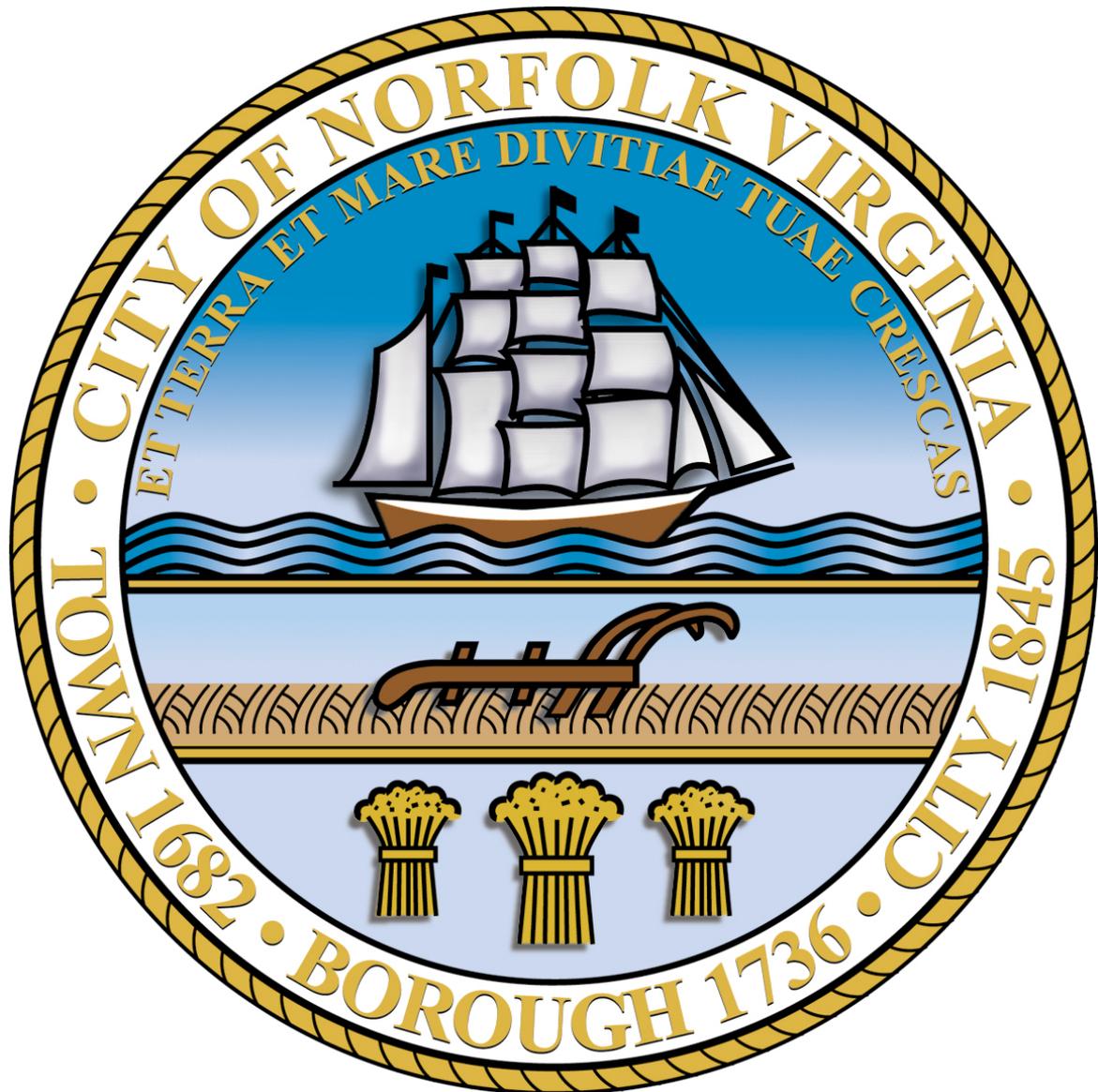
	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	100,000	100,000	100,000	100,000	100,000	500,000
Construction	N/A	2,900,000	900,000	900,000	900,000	900,000	6,500,000
Total	N/A	3,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,000,000

Prior Capital Funding	11,218,246
FY 2016 Approved	3,000,000
Capital Share Remaining	4,000,000
Project Total	18,218,246



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Parking Facilities



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Maintain Parking Facilities

Department

Parking Facilities

Account

5100 38 4180

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the long-term maintenance of city parking facilities. Long-term improvement projects may include structural and ventilation improvements for city parking facilities.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	14,500,000
FY 2015 Approved	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	N/A	14,500,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	14,500,000
Total	N/A	2,900,000	2,900,000	2,900,000	2,900,000	2,900,000	14,500,000

Prior Capital Funding	6,800,000
FY 2016 Approved	2,900,000
Capital Share Remaining	11,600,000
Project Total	21,300,000



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Storm Water Utility



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Create Citywide Flooding Reserve

Department

Storm Water Utility

Account

4000 35 4188

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to create a citywide flooding reserve. This is in preparation for the broad citywide flooding control project. This project is being funded by the \$1.00 Storm Water fee increase approved in FY 2013. Funding will be reserved to support the city's efforts in flood mitigation.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	6,576,000
FY 2015 Approved	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	N/A	6,576,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	6,576,000
Construction	N/A	0	0	0	0	0	0
Total	N/A	1,315,200	1,315,200	1,315,200	1,315,200	1,315,200	6,576,000

Prior Capital Funding	3,945,600
FY 2016 Approved	1,315,200
Capital Share Remaining	5,260,800
Project Total	10,521,600



Improve Storm Water Quality

Department

Storm Water Utility

Account

4000 35 3034

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to continue best practices used to reduce storm water related pollutants entering local waterways, rivers, and the Chesapeake Bay. In addition, planned work includes the continuation of the wetlands restoration initiative, led by the Army Corps of Engineers, and a systematic program for dredging of silted-in and obstructed storm water outfalls around the city.

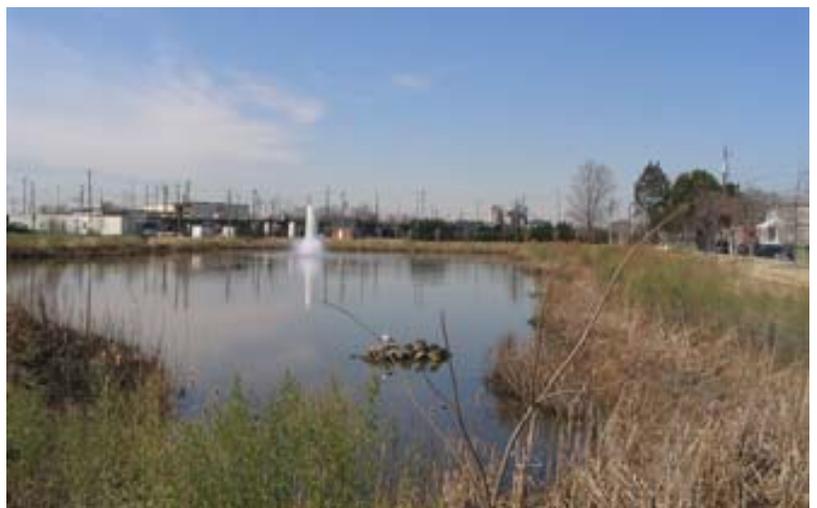
Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	950,000	950,000	950,000	950,000	950,000	4,750,000
FY 2015 Approved	950,000	950,000	950,000	950,000	950,000	N/A	4,750,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	95,000	95,000	95,000	95,000	95,000	475,000
Construction	N/A	855,000	855,000	855,000	855,000	855,000	4,275,000
Total	N/A	950,000	950,000	950,000	950,000	950,000	4,750,000

Prior Capital Funding	7,300,000
FY 2016 Approved	950,000
Capital Share Remaining	3,800,000
Project Total	12,050,000



Improve Storm Water System

Department

Storm Water Utility

Account

4000 35 3035

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to improve storm water facilities including installation of stand-by power generators at underpass storm water stations in addition to replacement of pumps, controls, electrical systems, valves and piping that are approaching the end of their service life. In addition, installation and replacement of tide flap valves at some city storm water outfalls will be made to reduce tidal flooding during aberrant tide conditions.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	600,000	600,000	600,000	600,000	600,000	3,000,000
FY 2015 Approved	600,000	600,000	600,000	600,000	600,000	N/A	3,000,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	60,000	60,000	60,000	60,000	60,000	300,000
Construction	N/A	540,000	540,000	540,000	540,000	540,000	2,700,000
Total	N/A	600,000	600,000	600,000	600,000	600,000	3,000,000

Prior Capital Funding	10,450,000
FY 2016 Approved	600,000
Capital Share Remaining	2,400,000
Project Total	13,450,000



Improve Storm Water Waterfront Facilities

Department

Storm Water Utility

Account

4000 35 3037

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for non-routine inspections, maintenance, repair, rehabilitation, and replacement of deteriorated bulkheads citywide.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000
FY 2015 Approved	500,000	500,000	500,000	500,000	500,000	N/A	2,500,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	50,000	50,000	50,000	50,000	50,000	250,000
Construction	N/A	450,000	450,000	450,000	450,000	450,000	2,250,000
Total	N/A	500,000	500,000	500,000	500,000	500,000	2,500,000

Prior Capital Funding	6,500,000
FY 2016 Approved	500,000
Capital Share Remaining	2,000,000
Project Total	9,000,000



Reduce Neighborhood Flooding

Department

Storm Water Utility

Account

4000 35 3032

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for neighborhood flood mitigation programs which address various drainage system improvements, repairs, rehabilitation, cleaning, and drainage studies in neighborhoods throughout the city.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	7,250,000
FY 2015 Approved	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	N/A	7,250,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	145,000	145,000	145,000	145,000	145,000	725,000
Construction	N/A	1,305,000	1,305,000	1,305,000	1,305,000	1,305,000	6,525,000
Total	N/A	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	7,250,000

Prior Capital Funding	15,250,000
FY 2016 Approved	1,450,000
Capital Share Remaining	5,800,000
Project Total	22,500,000



Support Campostella Landfill Post Closure Requirements

Department

Storm Water Utility

Account

4000 35 4209

Property Address:

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

The Campostella Landfill is a closed and permitted facility regulated by the Virginia Department of Environmental Quality. In order to comply with post-closure regulatory requirements the city must monitor discharge of various pollutants, and take remedial action if levels of any of those pollutants exceed acceptable limits.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	1,500,000	0	0	0	0	1,500,000
FY 2015 Approved	0	0	0	0	0	N/A	0
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	150,000	150,000	0	0	0	300,000
Construction	N/A	950,000	250,000	0	0	0	1,200,000
Total	N/A	1,100,000	400,000	0	0	0	1,500,000

Prior Capital Funding	0
FY 2016 Approved	1,500,000
Capital Share Remaining	0
Project Total	1,500,000



Wastewater Utility



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Improve Wastewater Collection System

Department

Wastewater Utility

Account #

5200 34 3082

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the replacement or rehabilitation of several thousand feet of gravity sanitary sewer pipe to eliminate overflows. In addition, the project upgrades pump stations and failing sections of force mains.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	85,000,000
FY 2015 Approved	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	N/A	85,000,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	8,500,000
Construction	N/A	15,300,000	15,300,000	15,300,000	15,300,000	15,300,000	76,500,000
Total	N/A	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	85,000,000

Prior Capital Funding	173,505,000
FY 2016 Approved	17,000,000
Capital Share Remaining	68,000,000
Project Total	258,505,000



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Water Utility



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Comply With Safe Drinking Water Act Amendments

Department

Water Utility

Account

5300 33 4060

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds to address general water quality issues, offer engineering assistance, and water treatment improvements as they relate to Safe Drinking Water Act compliance.

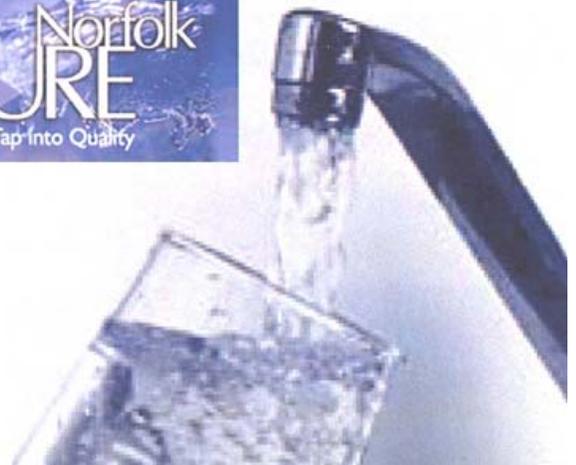
Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	0	100,000	0	1,000,000	200,000	1,300,000
FY 2015 Approved	185,000	0	100,000	0	1,000,000	N/A	1,285,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	0	100,000	0	1,000,000	200,000	1,300,000
Total	N/A	0	100,000	0	1,000,000	200,000	1,300,000

Prior Capital Funding	1,120,000
FY 2016 Approved	0
Capital Share Remaining	1,300,000
Project Total	2,420,000



Design and Construct 37th Street Plant

Department

Water Utility

Account

5300 33 3054

Property Address:

37th Street

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for necessary modifications to the 37th Street Water Treatment Plant to replace critical systems and components such as clarification basins and finished water storage.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	0	0	0	0	5,000,000	5,000,000
FY 2015 Approved	0	0	0	0	0	N/A	0
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	0	0	0	0	5,000,000	5,000,000
Total	N/A	0	0	0	0	5,000,000	5,000,000

Prior Capital Funding	35,000,000
FY 2016 Approved	0
Capital Share Remaining	5,000,000
Project Total	40,000,000



Implement Meter Change-Out Program

Department

Water Utility

Account

5300 33 4090

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the replacement of old and malfunctioning water meters throughout the city.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	150,000	150,000	150,000	150,000	150,000	750,000
FY 2015 Approved	150,000	150,000	150,000	150,000	150,000	N/A	750,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	150,000	150,000	150,000	150,000	150,000	750,000
Total	N/A	150,000	150,000	150,000	150,000	150,000	750,000

Prior Capital Funding	500,000
FY 2016 Approved	150,000
Capital Share Remaining	600,000
Project Total	1,250,000



Improve Water Pipeline Infrastructure

Department

Water Utility

Account

5300 33 3057

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the continued improvement of the city's raw water and treated water transmission and distribution systems.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	12,700,000	12,000,000	11,000,000	11,040,000	6,400,000	53,140,000
FY 2015 Approved	7,625,000	12,700,000	12,000,000	11,000,000	11,040,000	N/A	54,365,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	1,000,000	1,000,000	1,000,000	1,000,000	500,000	4,500,000
Construction	N/A	11,700,000	11,000,000	10,000,000	10,040,000	5,900,000	48,640,000
Total	N/A	12,700,000	12,000,000	11,000,000	11,040,000	6,400,000	53,140,000

Prior Capital Funding	118,211,000
FY 2016 Approved	12,700,000
Capital Share Remaining	40,440,000
Project Total	171,351,000



Rehabilitate Reservoirs Systemwide

Department

Water Utility

Account

5300 33 4174

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for multiple rehabilitation and watershed protections measures for systemwide reservoirs. This will help maintain high quality and sufficient quantity of water for customers as well as ensuring compliance with Commonwealth of Virginia Dam Safety Regulations.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	1,050,000	350,000	5,250,000	0	2,390,000	9,040,000
FY 2015 Approved	5,250,000	0	0	0	0	N/A	5,250,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	50,000	50,000	250,000	0	200,000	550,000
Construction	N/A	1,000,000	300,000	5,000,000	0	2,190,000	8,490,000
Total	N/A	1,050,000	350,000	5,250,000	0	2,390,000	9,040,000

Prior Capital Funding	6,025,000
FY 2016 Approved	1,050,000
Capital Share Remaining	7,990,000
Project Total	15,065,000



Replace Master Meters

Department

Water Utility

Account

5300 33 4169

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for the continued replacement of distribution system master meters as contractually required.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	120,000	120,000	120,000	120,000	120,000	600,000
FY 2015 Approved	120,000	120,000	120,000	120,000	120,000	N/A	600,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	120,000	120,000	120,000	120,000	120,000	600,000
Total	N/A	120,000	120,000	120,000	120,000	120,000	600,000

Prior Capital Funding	340,000
FY 2016 Approved	120,000
Capital Share Remaining	480,000
Project Total	940,000



Upgrade Moores Bridges Water Treatment Plant

Department

Water Utility

Account

5300 33 4115

Property Address:

6040 Water Works Road

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for required upgrades at the Moores Bridges Water Treatment Plant such as storage tanks, chemical feeders, and solids removal systems.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	1,500,000	3,000,000	2,000,000	0	7,000,000	13,500,000
FY 2015 Approved	5,200,000	1,500,000	3,000,000	2,000,000	0	N/A	11,700,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	150,000	300,000	200,000	0	200,000	850,000
Construction	N/A	1,350,000	2,700,000	1,800,000	0	6,800,000	12,650,000
Total	N/A	1,500,000	3,000,000	2,000,000	0	7,000,000	13,500,000

Prior Capital Funding	22,950,000
FY 2016 Approved	1,500,000
Capital Share Remaining	12,000,000
Project Total	36,450,000



Upgrade Northstar Billing System

Department

Water Utility

Account

5300 33 4196

Property Address:

Citywide

Customers Served

Residents Business City Services

Educational Community Tourists/Visitors

Project Description

Provide funds for upgrades and implementation of the department's billing system to ensure better customer service and a reliable revenue stream.

Financial Summary

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
FY 2016 Approved	N/A	50,000	0	50,000	0	400,000	500,000
FY 2015 Approved	0	50,000	0	50,000	0	N/A	100,000
Estimated Operating Budget Impact	N/A	0	0	0	0	0	0

Anticipated Project Timeline:

	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	TOTAL
Planning / Design	N/A	0	0	0	0	0	0
Construction	N/A	50,000	0	50,000	0	400,000	500,000
Total	N/A	50,000	0	50,000	0	400,000	500,000

Prior Capital Funding	300,000
FY 2016 Approved	50,000
Capital Share Remaining	450,000
Project Total	800,000

