

CITY OF NEWPORT NEWS

OFFICE OF THE CITY MANAGER

January 17, 2018

TO: The Honorable City Council
FROM: City Manager
SUBJECT: FY 2019 - FY 2023 Capital Improvements Plan (CIP)

A resolution is prepared for City Council's approval of the FY 2019 - FY 2023 Capital Improvements Plan (CIP). By ordinance, the City Manager is required to provide an updated Capital Improvements Plan (CIP) to City Council no later than November 1 of each year. This was done at Council's October 24 Work Session with the distribution and presentation of the FY 2019 - FY 2023 City Manager Recommended Plan. Further City Council discussion and inquiry of the recommended CIP was provided during the November 28, December 12, and January 9 Work Sessions.

The proposed FY 2019 - FY 2023 CIP will continue to satisfy the four Capital Financing and Debt Management Policies adopted in January 2007:

- i. Debt burden (the ratio of outstanding debt to assessed value) will remain below 3%,
- ii. General Fund Debt Service will not exceed 9.5% of combined City and School Revenue,
- iii. Cash capital funding will exceed 20% of the Plan, and
- iv. Projected debt retirement rates will exceed the adopted goals of 30% in five years and 60% in ten years.

Equally as important as adherence to the adopted financial policies is that the proposed plan supports the strategic initiatives of the City and provides funding for those capital projects identified as most critical.

Attached to this memorandum is a summary of the five-year, \$607.1 million financial plan along with a list of projects by category. Total General Fund supported spending of \$423.3 million is funded from General Obligation Bonds of \$177.3 million, Cash Capital of \$44.4 million, and Grant /Other Funding of \$201.6 million.

Total capital spending for User-Fee Funds is projected at \$183.8 million, consisting of Waterworks projects totaling \$101.3 million, Sewer Rehabilitation projects totaling \$41.3 million, and Stormwater Drainage projects totaling \$41.2 million.

The proposed CIP reflects substantial investment in transportation infrastructure which includes the final year of grant funding for two major projects for the completion of Atkinson Boulevard and the Newport News Transportation Center. Other projects include the replacement of the Route 105 Bridge over the reservoir, Campbell Road improvements, construction of Independence Boulevard through grant funds and developer contribution, programmed repairs to city bridges and culverts, and the reconstruction and resurfacing of arterial streets. Funding for streetlight, intersection, and sidewalk improvements throughout the City is for improved pedestrian safety. The CIP continues to reflect a grant funded proposed Bus Rapid Transit system that will expand transportation options, to improve mobility throughout the City and region.

The proposed plan continues funding for development and redevelopment efforts throughout the City. The plan provides continued funding in the Upper Warwick Boulevard/Denbigh area to support the acquisition of strategically located properties, streetscape and landscape enhancements, and other targeted redevelopment and rehabilitation efforts. The Capital Plan expands development and redevelopment efforts in the Southeast Community with the addition of the Choice Neighborhood Initiative; funding of \$10.3 million has been included over the five year plan to support the revitalization of the Marshall-Ridley neighborhood. Other development and redevelopment efforts include funding for the Downtown Initiatives, City Center at Oyster Point Projects, Tech Center at Oyster Point/Jefferson Lab, and funding to support future economic development opportunities throughout the City.

In the Schools Division, the Recommended Plan reflects an additional \$6.1 million of project funding over the adopted FY 2018 – FY 2022 CIP. At \$55.4 million of Cash Capital and General Obligation funding, the School Division represents the largest General Fund category (exclusive of Grant funding) in the proposed plan. Funding identified will allow for the purchase of new buses, replacement of aging HVAC units, roofs and electrical service, site repairs, and reserves design fees for a Huntington facility, while Schools Division reviews the future of the site.

The plan maintains programs to renovate and repair the City's public facilities, including buildings, equipment, and parks, and will allow staff to continue to monitor and provide appropriate response to safety and environmental issues that may arise at City buildings and properties. New project funds have been dedicated for additional citywide enhancements which include installation of security fencing and gates, vehicle barriers, lighting, video analytics, and improvements to the security central monitoring facility, while maintaining funding for continued security camera additions and upgrades. Other projects include replacement of the Jail Annex Master Control System, continued installation of emergency generators at critical facilities and traffic intersections throughout the City, and the replacement of fuel tanks at the City Hall fueling location.

Public building projects identified specifically include the design and construction of a new Grissom Library, the aquatic facility at the Denbigh Community Center, and a new Fire Station 11. Improvements are also recommended for Human Services operations at Rouse Tower and the South Morrison Family Education Center to improve client confidentiality and work space efficiency and privacy. Preliminary engineering is programmed to evaluate the replacement of aging municipal facilities in the northern part of the City (including Fire Station 9 and the North Police Precinct).

In the area of Parks and Recreation, construction of the Huntington Park Tennis Center Stadium Court, replacement of the ranger station and restroom facility located in Deer Park, and ramp and dredging improvements at Peterson's Yacht Basin, Leeward Marina and Huntington Park Boat Ramp remain in the plan. Funding is recommended to upgrade lighting equipment and poles at various athletic

The Honorable City Council

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FY 2019 - FY 2023 Capital Improvements Plan (CIP)

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fields throughout the City and to install a new irrigation system at the Newport News Golf Club's Cardinal Course.

Funding is proposed to replace and improve mission critical equipment throughout the City. This included fire vehicle and apparatus replacement, as well as Police Department in-vehicle tablets and radios, and of self-contained breathing apparatus used by firefighters. The proposed plan also includes funding to continue the migration from the legacy phone system to the expanded feature set offered by Voice over IP technology. New for FY 2019 is the replacement/upgrade of the Dispatch Center phone system. The replacement system will manage all emergency calls for service through voice, text, and location data necessary to meet FCC and State mandates.

Significant investment is anticipated in the waterworks, sanitary sewer, and stormwater systems. A new automated meter reading/advanced metering system is a major investment planned for the water system and will increase meter reading efficiency and meter system functionality. The Sanitary Sewer Consent Order (Virginia Department of Environmental Quality) and Municipal Separate Storm Sewer System Permit (Environmental Protection Agency) are expected to have continued impact on the sewer rehabilitation and stormwater categories, respectively.

I am confident that the CIP reflects the City's most critical capital projects and maintains debt at a fiscally responsible level. I recommend approval of the proposed FY 2019 - FY 2023 Capital Improvements Plan.


Cynthia D. Rohlf

CDR:ctc

Attachment

Recommended Capital Improvements Plan FY2019 - FY2023

GENERAL FUND - BY CATEGORY	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5-YEAR TOTAL
COMMUNITY DEVELOPMENT						
Cash Capital - Operating Budget	\$520,000	\$530,000	\$530,000	\$540,000	\$590,000	\$2,710,000
Gen Obligation Bond (GOB)	\$7,150,000	\$6,000,000	\$5,700,000	\$5,700,000	\$19,025,000	\$43,575,000
Grant Funding	\$1,900,000	\$3,000,000	\$1,500,000	\$1,500,000	\$14,675,000	\$22,575,000
Total Community Development	\$9,570,000	\$9,530,000	\$7,730,000	\$7,740,000	\$34,290,000	\$68,860,000
ENVIRONMENTAL						
Cash Capital - Operating Budget	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000	\$1,125,000
Grant Funding	\$0	\$0	\$0	\$0	\$275,000	\$275,000
Total Environmental	\$225,000	\$225,000	\$225,000	\$225,000	\$500,000	\$1,400,000
TRANSIT						
Cash Capital - Operating Budget	\$75,000	\$81,000	\$83,000	\$86,000	\$88,000	\$413,000
Grant Funding	\$7,000,000	\$28,411,000	\$29,264,000	\$30,141,215	\$31,044,725	\$125,860,940
Total Transit	\$7,075,000	\$28,492,000	\$29,347,000	\$30,227,215	\$31,132,725	\$126,273,940
EQUIPMENT						
Cash Capital - Operating Budget	\$2,846,850	\$1,566,150	\$2,150,000	\$1,750,000	\$1,750,000	\$10,063,000
Gen Obligation Bond (GOB)	\$1,500,000	\$1,000,000	\$0	\$0	\$0	\$2,500,000
Other	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000
Total Equipment	\$4,346,850	\$3,566,150	\$2,150,000	\$1,750,000	\$1,750,000	\$13,563,000
PARKS AND RECREATION						
Cash Capital - Operating Budget	\$582,000	\$300,000	\$500,000	\$500,000	\$500,000	\$2,382,000
Gen Obligation Bond (GOB)	\$2,724,000	\$1,390,000	\$3,427,000	\$2,826,000	\$5,481,000	\$15,848,000
Grant Funding	\$0	\$0	\$0	\$0	\$211,000	\$211,000
Total Parks and Recreation	\$3,306,000	\$1,690,000	\$3,927,000	\$3,326,000	\$6,192,000	\$18,441,000
PUBLIC BUILDINGS						
Cash Capital - Operating Budget	\$280,000	\$2,144,000	\$730,000	\$1,339,000	\$730,000	\$5,223,000
Gen Obligation Bond (GOB)	\$4,132,070	\$16,857,000	\$12,005,000	\$3,289,000	\$4,055,000	\$40,338,070
Total Public Buildings	\$4,412,070	\$19,001,000	\$12,735,000	\$4,628,000	\$4,785,000	\$45,561,070
SCHOOLS						
Cash Capital - Operating Budget	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,100,000	\$10,100,000
Gen Obligation Bond (GOB)	\$9,660,360	\$9,034,997	\$8,850,734	\$8,670,212	\$9,104,033	\$45,320,336
Total Schools	\$11,660,360	\$11,034,997	\$10,850,734	\$10,670,212	\$11,204,033	\$55,420,336
STREETS AND BRIDGES						
Cash Capital - Operating Budget	\$2,550,000	\$2,050,000	\$2,650,000	\$2,550,000	\$2,550,000	\$12,350,000
Gen Obligation Bond (GOB)	\$6,534,000	\$7,485,000	\$6,426,500	\$4,625,500	\$4,685,000	\$29,756,000
Grant Funding	\$12,231,569	\$8,313,000	\$7,585,000	\$8,000,500	\$9,307,000	\$45,437,069
Other	\$0	\$0	\$1,262,500	\$2,500,000	\$2,500,000	\$6,262,500
Total Streets and Bridges	\$21,315,569	\$17,848,000	\$17,924,000	\$17,676,000	\$19,042,000	\$93,805,569

GENERAL FUND - BY FUNDING SOURCE	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5-YEAR TOTAL
Total Cash Capital - Operating Budget	\$9,078,850	\$8,896,150	\$8,868,000	\$8,990,000	\$8,533,000	\$44,366,000
Total Gen Obligation Bond (GOB)	\$31,700,430	\$41,766,997	\$36,409,234	\$25,110,712	\$42,350,033	\$177,337,406
TOTAL GF CASH AND GO BONDS	\$40,779,280	\$50,663,147	\$45,277,234	\$34,100,712	\$50,883,033	\$221,703,406
Cash Capital Percentage	22.3%	17.6%	19.6%	26.4%	16.8%	20.0%
Total Grant Funding	\$21,131,569	\$39,724,000	\$38,349,000	\$39,641,715	\$55,512,725	\$194,359,009
Total Other	\$0	\$1,000,000	\$1,262,500	\$2,500,000	\$2,500,000	\$7,262,500
TOTAL GF - ALL FUNDING SOURCES	\$61,910,849	\$91,387,147	\$84,888,734	\$76,242,427	\$108,895,758	\$423,324,915

Recommended Capital Improvements Plan FY2019 - FY2023

SELF-SUPPORTING FUNDS	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5-YEAR TOTAL
SEWER REHABILITATIONS						
Gen Obligation Bond (GOB)	\$7,804,000	\$8,039,000	\$8,283,000	\$8,527,000	\$8,612,000	\$41,265,000
Total Sewer Rehabilitations	\$7,804,000	\$8,039,000	\$8,283,000	\$8,527,000	\$8,612,000	\$41,265,000
STORMWATER DRAINAGE						
Cash Capital - Operating Budget	\$3,189,000	\$2,885,000	\$2,875,000	\$3,012,000	\$2,210,000	\$14,171,000
Gen Obligation Bond (GOB)	\$7,499,000	\$4,963,000	\$4,475,000	\$3,757,000	\$4,625,000	\$25,319,000
Grant Funding	\$1,681,000	\$0	\$0	\$0	\$0	\$1,681,000
Total Stormwater Drainage	\$12,369,000	\$7,848,000	\$7,350,000	\$6,769,000	\$6,835,000	\$41,171,000
WATERWORKS						
Cash Capital - Operating Budget	\$9,325,000	\$9,180,000	\$7,080,000	\$8,580,000	\$6,280,000	\$40,445,000
Revenue Bonds	\$9,900,000	\$21,000,000	\$20,000,000	\$10,000,000	\$0	\$60,900,000
Total Waterworks	\$19,225,000	\$30,180,000	\$27,080,000	\$18,580,000	\$6,280,000	\$101,345,000
TOTAL						
General Fund	\$61,910,849	\$91,387,147	\$84,888,734	\$76,242,427	\$108,895,758	\$423,324,915
Self-Supporting Fund	\$39,398,000	\$46,067,000	\$42,713,000	\$33,876,000	\$21,727,000	\$183,781,000
TOTAL - ALL FUNDS	\$101,308,849	\$137,454,147	\$127,601,734	\$110,118,427	\$130,622,758	\$607,105,915

COMMUNITY DEVELOPMENT

Recommended

Project Name	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5 Year Total
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* New Project

CASH CAPITAL - OPERATING BUDGET						
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Economic Development Projects	\$250,000	\$250,000	\$250,000	\$250,000	\$300,000	\$1,300,000
Southeast Community Redevelopment	\$270,000	\$280,000	\$280,000	\$290,000	\$290,000	\$1,410,000
TOTAL CASH CAPITAL - OPERATING BUDGET:	\$520,000	\$530,000	\$530,000	\$540,000	\$590,000	\$2,710,000

GEN OBLIGATION BOND (GOB)						
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City Center at Oyster Point Projects	\$1,500,000	\$0	\$0	\$0	\$600,000	\$2,100,000
Denbigh Area/Warwick Boulevard Development Initiatives and Streetscape Improvements	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Downtown Initiatives	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	\$9,000,000
Economic Development Projects	\$750,000	\$800,000	\$1,000,000	\$1,000,000	\$3,000,000	\$6,550,000
Maritime Economic Development Projects	\$0	\$200,000	\$0	\$0	\$225,000	\$425,000
Southeast Community Redevelopment	\$500,000	\$500,000	\$500,000	\$750,000	\$1,500,000	\$3,750,000
Tech Center at Oyster Point / Jefferson Lab Research	\$1,900,000	\$2,000,000	\$1,000,000	\$1,000,000	\$3,000,000	\$8,900,000
*Choice Neighborhood Initiative	\$1,000,000	\$1,000,000	\$1,700,000	\$1,450,000	\$5,200,000	\$10,350,000
TOTAL GEN OBLIGATION BOND (GOB):	\$7,150,000	\$6,000,000	\$5,700,000	\$5,700,000	\$19,025,000	\$43,575,000

GRANT FUNDING						
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Downtown Initiatives	\$0	\$0	\$0	\$0	\$12,000,000	\$12,000,000
Maritime Economic Development Projects	\$500,000	\$500,000	\$0	\$0	\$675,000	\$1,675,000
Southeast Community Redevelopment	\$0	\$500,000	\$1,000,000	\$1,000,000	\$0	\$2,500,000
Tech Center at Oyster Point / Jefferson Lab Research	\$1,400,000	\$2,000,000	\$500,000	\$500,000	\$2,000,000	\$6,400,000
TOTAL GRANT FUNDING:	\$1,900,000	\$3,000,000	\$1,500,000	\$1,500,000	\$14,675,000	\$22,575,000

COMMUNITY DEVELOPMENT TOTAL:	\$9,570,000	\$9,530,000	\$7,730,000	\$7,740,000	\$34,290,000	\$68,860,000
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ENVIRONMENTAL**Recommended**

Project Name	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5 Year Total
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** New Project*

CASH CAPITAL - OPERATING BUDGET						
Emergency Response / Environmental Remediation	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
HVAC System Environmental Assessment/Sustainability Projects	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
TOTAL CASH CAPITAL - OPERATING BUDGET:	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000	\$1,125,000

GRANT FUNDING						
*Solar Thermal System	\$0	\$0	\$0	\$0	\$275,000	\$275,000
TOTAL GRANT FUNDING:	\$0	\$0	\$0	\$0	\$275,000	\$275,000

ENVIRONMENTAL TOTAL:	\$225,000	\$225,000	\$225,000	\$225,000	\$500,000	\$1,400,000
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TRANSIT

Recommended

Project Name	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5 Year Total
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** New Project*

CASH CAPITAL - OPERATING BUDGET						
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One ACCESSIBLE City - HRT Bus Stop ADA Improvement Program	\$75,000	\$81,000	\$83,000	\$86,000	\$88,000	\$413,000
TOTAL CASH CAPITAL - OPERATING BUDGET:	\$75,000	\$81,000	\$83,000	\$86,000	\$88,000	\$413,000

GRANT FUNDING						
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Bus Rapid Transit - Fixed Guideway Initial Phase (10 Year Project)	\$0	\$28,411,000	\$29,264,000	\$30,141,215	\$31,044,725	\$118,860,940
Newport News Transportation Center	\$7,000,000	\$0	\$0	\$0	\$0	\$7,000,000
TOTAL GRANT FUNDING:	\$7,000,000	\$28,411,000	\$29,264,000	\$30,141,215	\$31,044,725	\$125,860,940

TRANSIT TOTAL:	\$7,075,000	\$28,492,000	\$29,347,000	\$30,227,215	\$31,132,725	\$126,273,940
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EQUIPMENT

Recommended

Project Name	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5 Year Total
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* New Project

CASH CAPITAL - OPERATING BUDGET						
Fire Apparatus Capital Purchases	\$268,140	\$0	\$1,400,000	\$1,500,000	\$1,500,000	\$4,668,140
Police Tablet Replacement	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
Self-Contained Breathing Apparatus	\$1,625,710	\$516,150	\$0	\$0	\$0	\$2,141,860
Voice over IP (Phone System Upgrade)	\$400,000	\$400,000	\$500,000	\$0	\$0	\$1,300,000
*Juvenile Services Radio Technology Upgrade/Replacement	\$203,000	\$0	\$0	\$0	\$0	\$203,000
*NNDHS Paperless Project Implementation	\$0	\$400,000	\$0	\$0	\$0	\$400,000
*Security Services Equipment	\$100,000	\$0	\$0	\$0	\$0	\$100,000
TOTAL CASH CAPITAL - OPERATING BUDGET:	\$2,846,850	\$1,566,150	\$2,150,000	\$1,750,000	\$1,750,000	\$10,063,000

GEN OBLIGATION BOND (GOB)						
*9-1-1 Phone System	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000
*RMS/JMS/CAD Replacement	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000
TOTAL GEN OBLIGATION BOND (GOB):	\$1,500,000	\$1,000,000	\$0	\$0	\$0	\$2,500,000

OTHER						
*RMS/JMS/CAD Replacement	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000
TOTAL OTHER:	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000

EQUIPMENT TOTAL:	\$4,346,850	\$3,566,150	\$2,150,000	\$1,750,000	\$1,750,000	\$13,563,000
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PARKS AND RECREATION

Recommended

Project Name	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5 Year Total
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* New Project

CASH CAPITAL - OPERATING BUDGET						
Historic Preservation	\$125,000	\$150,000	\$150,000	\$150,000	\$150,000	\$725,000
Huntington Park Tennis Center Stadium Court	\$207,000	\$0	\$0	\$0	\$0	\$207,000
Public Landscaping	\$150,000	\$150,000	\$350,000	\$350,000	\$350,000	\$1,350,000
Warwicktowne Archaeological Study	\$100,000	\$0	\$0	\$0	\$0	\$100,000
TOTAL CASH CAPITAL - OPERATING BUDGET:	\$582,000	\$300,000	\$500,000	\$500,000	\$500,000	\$2,382,000

GEN OBLIGATION BOND (GOB)						
Athletic Field Lighting	\$500,000	\$150,000	\$300,000	\$200,000	\$500,000	\$1,650,000
Deer Park Ranger Station/Restroom Replacement	\$0	\$150,000	\$1,500,000	\$0	\$0	\$1,650,000
Golf Course Irrigation System Replacement	\$950,000	\$0	\$0	\$0	\$0	\$950,000
Marina and Boat Ramp Improvements	\$0	\$0	\$17,000	\$1,096,000	\$900,000	\$2,013,000
Park Facilities	\$400,000	\$420,000	\$600,000	\$625,000	\$675,000	\$2,720,000
Park Roadway Paving and Improvements	\$294,000	\$100,000	\$100,000	\$120,000	\$120,000	\$734,000
Recreation Facilities	\$350,000	\$385,000	\$385,000	\$385,000	\$475,000	\$1,980,000
Stoney Run Greenway	\$0	\$0	\$0	\$0	\$211,000	\$211,000
Stoney Run Park	\$230,000	\$185,000	\$525,000	\$400,000	\$1,600,000	\$2,940,000
*Park Shoreline and Beach Improvements	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000
TOTAL GEN OBLIGATION BOND (GOB):	\$2,724,000	\$1,390,000	\$3,427,000	\$2,826,000	\$5,481,000	\$15,848,000

GRANT FUNDING						
Stoney Run Greenway	\$0	\$0	\$0	\$0	\$211,000	\$211,000
TOTAL GRANT FUNDING:	\$0	\$0	\$0	\$0	\$211,000	\$211,000

PARKS AND RECREATION TOTAL:	\$3,306,000	\$1,690,000	\$3,927,000	\$3,326,000	\$6,192,000	\$18,441,000
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PUBLIC BUILDINGS

Recommended

Project Name	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5 Year Total
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* New Project

CASH CAPITAL - OPERATING BUDGET						
City Hall Renovations	\$0	\$504,000	\$0	\$609,000	\$0	\$1,113,000
Library System Renovation, Remodeling, Upgrading	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$800,000
Newport News Sheriff's Office Kitchen Renovation	\$0	\$910,000	\$0	\$0	\$0	\$910,000
North District Facility Preliminary Engineering	\$0	\$250,000	\$0	\$0	\$0	\$250,000
Parking Lot and Facility Paving	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Police Impound Lot and Storage Garage	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Security Camera Additions and Replacements	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$400,000
Security Video System Upgrade and Maintenance	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
*Citywide Security Enhancements	\$0	\$0	\$250,000	\$250,000	\$250,000	\$750,000
TOTAL CASH CAPITAL - OPERATING BUDGET:	\$280,000	\$2,144,000	\$730,000	\$1,339,000	\$730,000	\$5,223,000

GEN OBLIGATION BOND (GOB)						
City Hall Fuel Tank Replacement	\$0	\$470,000	\$0	\$0	\$0	\$470,000
Denbigh Community Center - Phase II	\$825,000	\$8,053,000	\$0	\$0	\$0	\$8,878,000
Emergency Generators	\$334,000	\$84,000	\$355,000	\$89,000	\$355,000	\$1,217,000
Fire Station No. 11	\$0	\$300,000	\$3,500,000	\$0	\$0	\$3,800,000
Jail Annex Master Control System (MCS)	\$345,000	\$0	\$0	\$0	\$0	\$345,000
Major Renovations and Repairs	\$900,000	\$1,400,000	\$2,750,000	\$3,000,000	\$3,500,000	\$11,550,000
Rouse Tower Building Renovation	\$341,660	\$200,000	\$200,000	\$200,000	\$200,000	\$1,141,660
South Morrison Family Education Center Renovation	\$361,410	\$0	\$0	\$0	\$0	\$361,410
Virgil I. Grissom Library New Building	\$800,000	\$6,000,000	\$5,200,000	\$0	\$0	\$12,000,000
*City Jail Shower Rehab	\$225,000	\$0	\$0	\$0	\$0	\$225,000
*Dispatch Center - Joint Facility with Hampton	\$0	\$350,000	\$0	\$0	\$0	\$350,000
TOTAL GEN OBLIGATION BOND (GOB):	\$4,132,070	\$16,857,000	\$12,005,000	\$3,289,000	\$4,055,000	\$40,338,070

PUBLIC BUILDINGS TOTAL:	\$4,412,070	\$19,001,000	\$12,735,000	\$4,628,000	\$4,785,000	\$45,561,070
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SCHOOLS

Recommended

Project Name	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5 Year Total
<i>* New Project</i>						
CASH CAPITAL - OPERATING BUDGET						
Bus Replacement	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,100,000	\$10,100,000
TOTAL CASH CAPITAL - OPERATING BUDGET:	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,100,000	\$10,100,000
GEN OBLIGATION BOND (GOB)						
Design Fees - Huntington Facility	\$2,800,000	\$0	\$0	\$0	\$0	\$2,800,000
Facility Renovation and Improvement	\$1,376,997	\$1,376,997	\$1,376,997	\$1,376,997	\$1,376,997	\$6,884,985
HVAC Replacement - Deer Park Elementary	\$0	\$0	\$2,262,975	\$0	\$0	\$2,262,975
HVAC Replacement - Jenkins ES	\$2,820,015	\$0	\$0	\$0	\$0	\$2,820,015
HVAC Replacement - Kiln Creek Elementary	\$0	\$0	\$0	\$4,275,915	\$0	\$4,275,915
HVAC Replacement - Richneck ES	\$0	\$3,202,980	\$0	\$0	\$0	\$3,202,980
HVAC Replacement - Saunders ES partial	\$0	\$0	\$0	\$3,017,300	\$0	\$3,017,300
Newsome Park ES partial roof replacement	\$0	\$0	\$0	\$0	\$528,941	\$528,941
*HVAC Partial Replacement- Denbigh ECC	\$0	\$272,718	\$0	\$0	\$0	\$272,718
*HVAC Replacement - Dutrow ES	\$0	\$2,506,680	\$0	\$0	\$0	\$2,506,680
*HVAC Replacement - South Morrison CLC	\$0	\$0	\$0	\$0	\$3,032,387	\$3,032,387
*HVAC Replacement- Gatewood	\$0	\$1,675,622	\$0	\$0	\$0	\$1,675,622
*HVAC Replacement- Gen.Stanford ES	\$0	\$0	\$0	\$0	\$2,998,732	\$2,998,732
*HVAC Replacement- Hilton ES	\$2,663,348	\$0	\$0	\$0	\$0	\$2,663,348
*Roof Replacement - Woodside HS	\$0	\$0	\$3,247,987	\$0	\$0	\$3,247,987
*Roof Replacement- Saunders ES	\$0	\$0	\$0	\$0	\$1,166,976	\$1,166,976
*Site Repairs - Denbigh HS	\$0	\$0	\$1,962,775	\$0	\$0	\$1,962,775
TOTAL GEN OBLIGATION BOND (GOB):	\$9,660,360	\$9,034,997	\$8,850,734	\$8,670,212	\$9,104,033	\$45,320,336
SCHOOLS TOTAL:	\$11,660,360	\$11,034,997	\$10,850,734	\$10,670,212	\$11,204,033	\$55,420,336

STREETS AND BRIDGES

Recommended

Project Name	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5 Year Total
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* New Project

CASH CAPITAL - OPERATING BUDGET						
Arterial Street Reconstruction and Resurfacing	\$2,000,000	\$1,500,000	\$2,000,000	\$2,000,000	\$2,000,000	\$9,500,000
City Center Transportation Improvement Study	\$0	\$0	\$100,000	\$0	\$0	\$100,000
Citywide Concrete Replacement Project	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$2,750,000
TOTAL CASH CAPITAL - OPERATING BUDGET:	\$2,550,000	\$2,050,000	\$2,650,000	\$2,550,000	\$2,550,000	\$12,350,000

GEN OBLIGATION BOND (GOB)						
Annual Utilities Undergrounding Program	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Bridge and Culvert Repairs	\$530,000	\$596,000	\$613,000	\$630,000	\$650,000	\$3,019,000
Bright Lights, Safe Nights Street Lighting Program	\$210,000	\$239,000	\$272,000	\$311,000	\$349,000	\$1,381,000
Campbell Road Improvements	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Citywide Infrastructure - City Center LED Street Light Conversion Project	\$0	\$186,000	\$191,000	\$197,000	\$203,000	\$777,000
Neighborhood Enhancement Program	\$259,000	\$266,000	\$272,000	\$311,000	\$320,000	\$1,428,000
One Accessible City – Pedestrian, Bicycle & Road Safety Enhancement Program	\$421,000	\$421,000	\$424,000	\$500,000	\$500,000	\$2,266,000
Route 105 Bridge Replacement Over the Newport News Reservoir	\$750,000	\$2,850,000	\$0	\$0	\$0	\$3,600,000
Traffic Signal Installation and Upgrade Program	\$464,000	\$477,000	\$492,000	\$314,000	\$363,000	\$2,110,000
Transportation Major Project Match	\$500,000	\$2,150,000	\$3,862,500	\$2,062,500	\$2,000,000	\$10,575,000
Washington Avenue Streetscape Improvements - 34th to 38th St	\$100,000	\$0	\$0	\$0	\$0	\$100,000
TOTAL GEN OBLIGATION BOND (GOB):	\$6,534,000	\$7,485,000	\$6,426,500	\$4,625,500	\$4,685,000	\$29,756,000

GRANT FUNDING						
Atkinson Boulevard: Warwick Boulevard to Jefferson Avenue	\$6,851,569	\$0	\$0	\$0	\$0	\$6,851,569
Briarfield Sidewalk CMAQ - Marshall Avenue to Chestnut Avenue	\$0	\$0	\$0	\$600,000	\$0	\$600,000
Campbell Road Improvements	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Citywide Pedestrian Improvements at Traffic Signals	\$250,000	\$500,000	\$0	\$0	\$0	\$750,000
Independence Boulevard	\$0	\$0	\$1,262,500	\$2,500,000	\$2,500,000	\$6,262,500
Jefferson Avenue Wide Sidewalk Project Phase 2&3	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000
Route 105 Bridge Replacement Over the Newport News Reservoir	\$750,000	\$2,850,000	\$0	\$0	\$0	\$3,600,000
Smart Cities Initiative - Transportation System Improvements	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000
Traffic Signal Installation and Upgrade Program	\$0	\$0	\$0	\$250,000	\$275,000	\$525,000
Traffic Signal Timing Improvements	\$440,000	\$0	\$500,000	\$0	\$0	\$940,000
Transportation Major Project Match	\$500,000	\$2,150,000	\$3,737,500	\$1,937,500	\$1,875,000	\$10,200,000
Warwick Boulevard Sidewalk Widening - Lucas Creek Road to Atkinson Way	\$0	\$0	\$0	\$500,000	\$0	\$500,000
Washington Avenue Streetscape Improvements - 34th to 38th St	\$400,000	\$0	\$0	\$0	\$0	\$400,000
*Citywide Flashing Yellow Arrow Upgrades	\$0	\$776,000	\$0	\$0	\$0	\$776,000
*Citywide Signal System Progression	\$0	\$0	\$0	\$0	\$350,000	\$350,000
*Intersection Improvements - Jefferson Avenue at Yorktown Road	\$0	\$0	\$0	\$903,000	\$1,557,000	\$2,460,000
*Jefferson Avenue Sidewalk - Industrial Park Drive to Shields Road	\$0	\$217,000	\$565,000	\$0	\$0	\$782,000
*Traffic Signal and Pedestrian Improvements at Jefferson Avenue and Pavilion Place	\$0	\$205,000	\$440,000	\$0	\$0	\$645,000
*Traffic Signal and Pedestrian Improvements at Rock Landing Road and Mariner's Row	\$0	\$205,000	\$330,000	\$560,000	\$0	\$1,095,000
*Traffic Signal and Pedestrian Improvements at Warwick Boulevard and Harpersville Road	\$40,000	\$660,000	\$0	\$0	\$0	\$700,000

Project Name	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5 Year Total
<i>* New Project</i>						
*Transportation Alternatives Grant Program	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$2,000,000
TOTAL GRANT FUNDING:	\$12,231,569	\$8,313,000	\$7,585,000	\$8,000,500	\$9,307,000	\$45,437,069
OTHER						
Independence Boulevard	\$0	\$0	\$1,262,500	\$2,500,000	\$2,500,000	\$6,262,500
TOTAL OTHER:	\$0	\$0	\$1,262,500	\$2,500,000	\$2,500,000	\$6,262,500
STREETS AND BRIDGES TOTAL:	\$21,315,569	\$17,848,000	\$17,924,000	\$17,676,000	\$19,042,000	\$93,805,569

SEWER REHABILITATIONS

Recommended

Project Name	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5 Year Total
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* New Project

GEN OBLIGATION BOND (GOB)						
Sanitary Sewer Maintenance, Operation and Management (MOM) Program	\$477,000	\$820,000	\$822,000	\$696,000	\$696,000	\$3,511,000
Sanitary Sewer Rehabilitation Program	\$4,827,000	\$4,644,000	\$4,806,000	\$5,101,000	\$5,101,000	\$24,479,000
*SWIFT - Sanitary Sewer Rehabilitation	\$2,500,000	\$2,575,000	\$2,655,000	\$2,730,000	\$2,815,000	\$13,275,000
TOTAL GEN OBLIGATION BOND (GOB):	\$7,804,000	\$8,039,000	\$8,283,000	\$8,527,000	\$8,612,000	\$41,265,000
SEWER REHABILITATIONS TOTAL:	\$7,804,000	\$8,039,000	\$8,283,000	\$8,527,000	\$8,612,000	\$41,265,000

STORMWATER DRAINAGE

Recommended

Project Name	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5 Year Total
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* New Project

CASH CAPITAL - OPERATING BUDGET						
32nd Street Drainage Improvements	\$155,000	\$0	\$1,475,000	\$1,525,000	\$0	\$3,155,000
Chelsea Place Drainage Improvements	\$290,000	\$0	\$0	\$0	\$0	\$290,000
Citywide Drainage	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
Citywide Pipe Lining Projects	\$200,000	\$400,000	\$400,000	\$400,000	\$400,000	\$1,800,000
Citywide Swale Projects	\$100,000	\$200,000	\$200,000	\$200,000	\$200,000	\$900,000
Lake Maintenance and Dredging	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
Municipal Separate Storm Sewer System (MS4) Static Water Quality Monitoring Stations	\$200,000	\$50,000	\$50,000	\$50,000	\$50,000	\$400,000
Seafood Industrial Park Stormwater Outfall Trash Gate	\$0	\$0	\$0	\$87,000	\$810,000	\$897,000
Stormwater Pump Station #41 Renovations	\$0	\$1,485,000	\$0	\$0	\$0	\$1,485,000
Stormwater Retrofit at Public Works Operations Center	\$670,000	\$0	\$0	\$0	\$0	\$670,000
*Lees Mill Drive Drainage Ditch Adjustment	\$206,000	\$0	\$0	\$0	\$0	\$206,000
*Peterson Yacht Basin Dredging	\$618,000	\$0	\$0	\$0	\$0	\$618,000
TOTAL CASH CAPITAL - OPERATING BUDGET:	\$3,189,000	\$2,885,000	\$2,875,000	\$3,012,000	\$2,210,000	\$14,171,000

GEN OBLIGATION BOND (GOB)						
9300 to 9502 River Road Shoreline Stabilization	\$707,000	\$0	\$0	\$0	\$0	\$707,000
Christopher Shores Drainage	\$2,266,000	\$2,333,000	\$0	\$0	\$0	\$4,599,000
Huxley Place Drainage Improvements, Croatan Drive to Lynn Drive	\$0	\$585,000	\$1,200,000	\$0	\$0	\$1,785,000
J. Clyde Morris Boulevard Drainage Improvements	\$1,133,000	\$1,295,000	\$0	\$0	\$0	\$2,428,000
Lake Maury Spillway Improvements	\$3,025,000	\$0	\$0	\$0	\$0	\$3,025,000
Lynchburg Drive Stream Restoration (TMDL)	\$368,000	\$0	\$0	\$0	\$0	\$368,000
Main Street and Tyler Avenue Storm Sewer Repair	\$0	\$0	\$0	\$0	\$1,600,000	\$1,600,000
Main Street Drainage Improvements	\$0	\$500,000	\$0	\$0	\$0	\$500,000
Nicewood Drainage Improvements	\$0	\$0	\$0	\$113,000	\$1,160,000	\$1,273,000
Princess Margaret Court Channel Stabilization	\$0	\$250,000	\$0	\$0	\$0	\$250,000
Upper Newmarket Creek BMP and Drainage Improvements	\$0	\$0	\$0	\$169,000	\$925,000	\$1,094,000
*Main Street Pump Station	\$0	\$0	\$2,185,000	\$2,250,000	\$0	\$4,435,000
*Main Street Treatment Plant	\$0	\$0	\$1,090,000	\$1,125,000	\$0	\$2,215,000
*Raleigh Road Drainage Improvements	\$0	\$0	\$0	\$100,000	\$940,000	\$1,040,000
TOTAL GEN OBLIGATION BOND (GOB):	\$7,499,000	\$4,963,000	\$4,475,000	\$3,757,000	\$4,625,000	\$25,319,000

GRANT FUNDING						
9300 to 9502 River Road Shoreline Stabilization	\$1,313,000	\$0	\$0	\$0	\$0	\$1,313,000
Lynchburg Drive Stream Restoration (TMDL)	\$368,000	\$0	\$0	\$0	\$0	\$368,000
TOTAL GRANT FUNDING:	\$1,681,000	\$0	\$0	\$0	\$0	\$1,681,000

STORMWATER DRAINAGE TOTAL:	\$12,369,000	\$7,848,000	\$7,350,000	\$6,769,000	\$6,835,000	\$41,171,000
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WATERWORKS

Recommended

Project Name	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5 Year Total
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* New Project

CASH CAPITAL - OPERATING BUDGET						
60th Street Elevated Tank, Yard Piping, Building	\$2,400,000	\$0	\$0	\$0	\$0	\$2,400,000
AMR/AMI - Automated Meter Reading, Advanced Metering Infrastructure	\$170,000	\$0	\$0	\$0	\$0	\$170,000
Cathodic Inspection/Rehab Pipelines	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$400,000
Chickahominy Site Improvements	\$0	\$1,400,000	\$0	\$0	\$0	\$1,400,000
Document Management System (Paperless Implementation)	\$250,000	\$250,000	\$0	\$0	\$0	\$500,000
DSI [Distribution System Improvements] - Interstate 64 / Jefferson Avenue Pipeline Installation	\$1,400,000	\$0	\$0	\$0	\$0	\$1,400,000
DSI [Distribution System Improvements] - Various Distribution System Improvements	\$1,500,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$13,500,000
IT Infrastructure Upgrade	\$250,000	\$250,000	\$250,000	\$250,000	\$200,000	\$1,200,000
Little Creek Pump Station Improvements	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000
Plant Asset Renewal	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
PLC-5 Upgrade	\$300,000	\$300,000	\$600,000	\$600,000	\$500,000	\$2,300,000
Reverse Osmosis Plant Repairs	\$0	\$0	\$500,000	\$0	\$0	\$500,000
Rolling Stock and Other Equipment	\$1,800,000	\$1,800,000	\$1,800,000	\$1,800,000	\$1,800,000	\$9,000,000
Source Water Pipeline Inspection / Rehabilitation	\$500,000	\$100,000	\$100,000	\$100,000	\$100,000	\$900,000
Treated Water Tank Maintenance	\$50,000	\$50,000	\$200,000	\$2,200,000	\$50,000	\$2,550,000
Water Treatment Plant Facility Engineering and Improvements	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000
Watershed Protection Improvements	\$75,000	\$400,000	\$0	\$0	\$0	\$475,000
TOTAL CASH CAPITAL - OPERATING BUDGET:	\$9,325,000	\$9,180,000	\$7,080,000	\$8,580,000	\$6,280,000	\$40,445,000

REVENUE BONDS						
AMR/AMI - Automated Meter Reading, Advanced Metering Infrastructure	\$0	\$15,000,000	\$20,000,000	\$10,000,000	\$0	\$45,000,000
Harwood's Mill Dam Improvements	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Harwood's Mill Filter Media Replacement	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000
Lee Hall Filter Media Replacement	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000
Mercury / Lasalle Pump Station Upgrade	\$0	\$2,000,000	\$0	\$0	\$0	\$2,000,000
New Lightfoot Tank	\$500,000	\$3,000,000	\$0	\$0	\$0	\$3,500,000
*Asset Management Software Solution	\$5,000,000	\$0	\$0	\$0	\$0	\$5,000,000
*Harwood's Mill Reservoir Circulation Enhancements	\$400,000	\$0	\$0	\$0	\$0	\$400,000
TOTAL REVENUE BONDS:	\$9,900,000	\$21,000,000	\$20,000,000	\$10,000,000	\$0	\$60,900,000

WATERWORKS TOTAL:	\$19,225,000	\$30,180,000	\$27,080,000	\$18,580,000	\$6,280,000	\$101,345,000
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