

City of Poquoson Virginia



Adopted Capital Improvements Plan FY 2012—Beyond FY 2016

The City of Poquoson's Capital Improvement Plan (CIP) is a planning and budget tool which addresses the repair and replacement of existing infrastructure as well as the construction or acquisition of new facilities and equipment to accommodate current and future demands for service. More specifically, the CIP is intended to accomplish the following objectives:

- To build the facilities required to support the City's public service responsibilities.
- To improve financial planning by comparing needs with resources, estimating future bond uses and debt service, and identifying tax rate implications.
- To establish priorities among projects so that limited available funds are used to the best advantage.
- To plan public facility construction and major equipment purchases and coordinate timing with the public needs.
- To support the physical development objectives contained in approved City plans.

Generally, capital improvements are defined as physical assets constructed or purchased that have a useful life five years or longer and have a cost of \$50,000 or more. Projects that meet this definition of a capital improvement are included in the CIP, such as:

- new and expanded facilities for the community
- large scale rehabilitation or replacement of existing facilities
- the cost of engineering or architectural studies and services relative to the improvement
- major equipment
- the acquisition of land

The CIP does not typically include items defined as Capital Outlay. Included as a separate Appendix to the Capital Improvement Plan are certain items meeting the definition of a capital outlay. These items, normally shown within the City's Operating Budget, include such things as furniture, equipment, and vehicles needed to support the operation of the City's programs. Generally, a capital outlay item may be defined as an item valued in excess of \$2,000 but less than \$50,000. A capital outlay item would usually have a life expectancy of less than five years.

The projected costs of each capital project are sometimes the result of detailed engineering studies, and are sometimes simply working estimates. The project cost to be funded in the CIP include all costs relating to design, acquisition, construction, project management, equipment, legal expenses, mitigation of damages, title costs and other land related costs, etc., when such information is available. Each year the CIP may be adjusted as project costs are refined.

The annual Capital Improvements Plan process begins with the distribution of funding request packets to each City department and the School System. These request packets are returned to the Finance Department in early fall. Once received the information is categorized and consolidated in preparation for the City Manager's review. The City Manger prioritizes the projects and prepares a proposed Capital Improvement Plan to be forwarded to the Planning Commission for their review and recommendation to City Council. After the public hearing requirements are met, the Planning Commission then forwards to City Council the recommended CIP.

City Council also holds a public hearing at which time the recommended CIP is presented. City Council has the authority to approve the recommended CIP as presented, or approve with amendments. After all public comments have been received and discussions satisfied, the CIP is then adopted, by vote, as the Council Adopted CIP. The first year of the Adopted CIP is incorporated into the Manager's Recommended Budget as the Capital Budget for the upcoming fiscal year.

Each project in the CIP is coupled with one or more funding sources. Revenues the City utilizes come from several sources such as federal and state governments, general obligation bonds, revenue bonds, dedicated taxes and fees and the General Fund.

In the City's case, revenues that can come from the federal and state governments are the VDOT Revenue Sharing program, Urban Maintenance Contributions and various other federal grants. It is important to note that funding received from these sources may require a cash match from the City.

Another source of revenue to fund capital projects is general obligation bonds. Bond issuances are governed strictly by state laws and regulations. A general Obligation Bond works similarly to a mortgage loan. The repayment of the bonds is usually long-term.

Revenue Bonds are also an additional source of revenue to fund capital projects that are needed for the enterprise funds. The debt service payments on these bonds are paid through user fees generated in the fund.

Typically, government regulations require that the proceeds from a bond issue be expended on one-time capital projects within a certain amount of time after the issuance. The level of debt that the City can incur is governed by the financial policies approved by City Council.

Dedicated taxes and fees can be used as another source of revenue to fund a specific project. An example of this could be an additional user fee to the bi-monthly sewer fee to be used to fund one time capital projects in the sewer fund. At this time, there are no projects being funded with dedicated taxes. The projects in the Utilities Fund are being funded with Revenue Bonds which will be paid with user fees.

The General Fund is the primary depository for taxes and fees, including real estate and personal property taxes, sales and meal taxes, utility taxes, etc., which are collected for the general operation of the City. General Fund revenues are used to fund capital projects as deemed appropriate by Council.

The CIP represents the mutual effort of City departments, School Division, and agencies to meet the infrastructure needs of the City residents, businesses and visitors. It usually cannot fund all the capital project requests and the projects are closely scrutinized and prioritized to provide for the maximum benefit. Citizen input, the City's adopted Comprehensive Plan, the recommendations of the City's Planning Commission and the total funding available all play a role in allocating limited resources.

The following pages represent both the requests of each department as well as the City Manager's recommended CIP. Also included is a summary of the CIP for each department and their capital outlay as requested by the department and the recommended City Manager's totals. A detailed description of each CIP project is included as well as the Appendix of the capital outlay items.

The total CIP as requested by the departments over the five year period was \$70,279,925 and beyond the five year period was \$35,533,000 for a total CIP request of \$105,812,925.

The City Manger considered the debt policies adopted by Council, the available outside funding and available general fund resources to recommend a constrained CIP. Considering these factors, the City Manager's recommended CIP for the next five years is \$37,059,030.

Capital Improvements Plan as Recommended by the City Manager

Project Title	Funding Source	Project #	Prior Year Funding	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
SCHOOL PROJECTS										
High School Forum Renovation	D	08-SCH-104							\$2,500,000	\$2,500,000
High School Track	GF	08-SCH-106							\$300,000	\$300,000
Primary School HVAC Replacement	GF	10-SCH-107					\$120,000			\$120,000
Middle School Renovation	D	10-SCH-110			\$1,071,000	\$11,075,000				\$12,146,000
Primary School Roof Replacement	GF	11-SCH-002							\$350,000	\$350,000
High School Locker Room Renovation	GF	11-SCH-005							\$66,000	\$66,000
High School HVAC	GF	11-SCH-006						\$75,000		\$75,000
District-wide Electronic Door Access	GF	11-SCH-008							\$55,000	\$55,000
Bus Replacement	GF	11-SCH-009		\$78,000		\$156,000	\$78,000	\$78,000	\$380,000	\$770,000
Asphalt Repairs	GF	12-SCH-001						\$146,000		\$146,000
Primary School HVAC Controls	GF	12-SCH-002				\$85,000				\$85,000
High School Roof Replacement	D	12-SCH-003							\$925,000	\$925,000
High School Gym HVAC	D	12-SCH-004							\$125,000	\$125,000
TOTAL SCHOOL PROJECTS				\$78,000	\$1,071,000	\$11,316,000	\$198,000	\$299,000	\$4,701,000	\$17,663,000
PUBLIC SAFETY PROJECTS										
Replacement of Engine 102	GF	08-PS-301			\$350,000					\$350,000
Replacement of Medic 3	GF,G,DN	11-PS-001					\$150,000			\$150,000
Replacement of Medic 4	GF,G,DN	11-PS-002						\$150,000		\$150,000
Public Safety Building	D	11-PS-003						\$0	\$2,500,000	\$2,500,000
TOTAL PUBLIC SAFETY PROJECTS				\$0	\$350,000	\$0	\$150,000	\$150,000	\$2,500,000	\$3,150,000
TRANSPORTATION & DRAINAGE PROJECTS										
Wythe Creek Road South	SF	08-T&D-202	\$4,159,000	\$200,000	\$400,000	\$1,645,850	\$1,458,288	\$8,295,862		\$12,000,000
Oxford Mews Drainage Improvements	SF	08-T&D-204		\$120,000						\$120,000
Chesapeake Bay TMDL Improvements	D,GF	12-T&D-001		\$50,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$25,950,000	\$30,000,000
Poquoson Shores Tidal Flooding	SF	12-T&D-002		\$40,000	\$40,000	\$40,000				\$120,000
Poquoson Avenue Piping Upgrade	SF	12-T&D-003				\$90,000	\$55,000			\$145,000
City Ditch Erosion Paving	SF	12-T&D-004		\$147,300	\$100,800					\$248,100
Wainwright Drive Curb Upgrade	SF	12-T&D-005			\$50,000					\$50,000
ROW & Sidewalk Acquisition	G	08-T&D-210		\$500,000						\$500,000
Victory Boulevard	SF	12-T&D-006							\$9,000,000	\$9,000,000
Street Paving	SF	12-T&D-007		\$148,500	\$301,225	\$255,775	\$318,730			\$1,024,230
TOTAL TRANSPORTATION & DRAINAGE PROJECTS			\$4,159,000	\$1,205,800	\$1,892,025	\$3,031,625	\$2,832,018	\$9,295,862	\$34,950,000	\$53,207,330
PUBLIC WORKS										
Public Works Compound	D,GF	08-PW-407		\$595,000					\$1,104,000	\$1,699,000
Dump Truck	GF	12-PW-001		\$68,000					\$141,000	\$209,000
Excavator	GF	12-PW-002							\$330,000	\$330,000
Loader	GF	12-PW-003				\$155,000				\$155,000
Grader	GF	12-PW-004					\$128,000			\$128,000
Sweeper	GF	12-PW-005						\$192,000		\$192,000
Dozier	GF	12-PW-006							\$95,000	\$95,000
Mower	GF	12-PW-007					\$90,000		\$105,000	\$195,000
TOTAL PUBLIC WORKS				\$663,000	\$0	\$155,000	\$218,000	\$192,000	\$1,775,000	\$3,003,000
FACILITIES PROJECTS										
Municipal Building Roof	GF	12-FAC-001							\$200,000	\$200,000
HVAC systems for City Hall	GF	12-FAC-002							\$350,000	\$350,000
HVAC systems for Police Department	GF	12-FAC-003							\$73,000	\$73,000
TOTAL FACILITIES PROJECTS				\$0	\$0	\$0	\$0	\$0	\$623,000	\$623,000

Capital Improvements Plan as Recommended by the City Manager

Project Title	Funding Source	Project #	Prior Year Funding	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost	
FINANCE PROJECTS											
Financial System Upgrade	GF	12-FIN-001							\$500,000	\$500,000	
TOTAL FINANCE				\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	
MISCELLANEOUS PROJECTS											
Telephone System	GF	10-MISC-001							\$200,000	\$200,000	
TOTAL MISCELLANEOUS				\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000	
SOLID WASTE PROJECTS											
Debris Truck	GF	12-PW-006						\$135,000	\$155,000	\$290,000	
TOTAL SOLID WASTE				\$0	\$0	\$0	\$0	\$135,000	\$155,000	\$290,000	
RECREATION & EVENTS PROJECTS											
Blue Way System	G,GF	08-P&R-503				\$13,000	\$22,500	\$15,000	\$15,000	\$65,500	
South Lawson Park Upgrades	GF	08-P&R-512							\$400,000	\$400,000	
Messick Point Breakwater	GF,G	08-P&R-510				\$25,000	\$335,000			\$360,000	
Municipal Ball field Lighting Upgrade	GF	08-P&R-513							\$150,000	\$150,000	
Municipal Pool House Renovation	GF	08-P&R-517							\$225,000	\$225,000	
Western Precinct Park	D	08-P&R-509							\$1,000,000	\$1,000,000	
Municipal Pool Reconstruction	D	11-R&E-002							\$3,800,000	\$3,800,000	
Recreation Center	D	11-R&E-003							\$17,245,895	\$17,245,895	
Messick Point Pier & Beach	G	11-R&E-004			\$700,000					\$700,000	
South Lawson Park Bike Path	GF	12-R&E-001				\$59,000	\$136,000			\$195,000	
TOTAL RECREATION & EVENTS PROJECTS				\$0	\$700,000	\$97,000	\$493,500	\$15,000	\$22,835,895	\$24,141,395	
UTILITIES PROJECTS											
Pump Station Generators	RB	08-SWR-008			\$120,000					\$120,000	
Sewer Cleaning Truck	RB	08-SWR-007		\$90,000						\$90,000	
Replacement of Power Supplies	RB	11-SWR-001		\$100,000						\$100,000	
Sanitary Sewer Evaluation Study	SW	11-SWR-002	\$700,000	\$199,200						\$199,200	
Sanitary Sewer Consent Repairs	RB	12-SWR-001			\$470,000	\$514,000	\$514,000	\$514,000	\$514,000	\$2,526,000	
TOTAL UTILITIES PROJECTS				\$700,000	\$389,200	\$590,000	\$514,000	\$514,000	\$514,000	\$3,035,200	
Totals				\$4,859,000	\$2,336,000	\$4,603,025	\$15,113,625	\$4,405,518	\$10,600,862	\$68,753,895	\$105,812,925

Funding Source Key

D- Debt Issue	G- Grant
DN- Donation	SF- State Funding
GF- General Fund	SW- Sewer Fund
	RB- Revenue Bds

Capital Improvement Funding Sources as Recommended by the City Manager

Funding Source	FY12	FY13	FY14	FY15	FY16	Total Cost
SCHOOL PROJECTS						
Debt Funding	\$0	\$1,071,000	\$11,075,000	\$0	\$0	\$12,146,000
General Fund	\$78,000	\$0	\$241,000	\$198,000	\$299,000	\$816,000
TOTAL SCHOOL PROJECTS	\$78,000	\$1,071,000	\$11,316,000	\$198,000	\$299,000	\$12,962,000
PUBLIC SAFETY PROJECTS						
Debt Funding	\$0	\$0	\$0	\$0	\$0	\$0
General Fund	\$0	\$350,000	\$0	\$50,000	\$50,000	\$450,000
Grant Funding	\$0	\$0	\$0	\$50,000	\$50,000	\$100,000
Donations	\$0	\$0	\$0	\$50,000	\$50,000	\$100,000
TOTAL PUBLIC SAFETY PROJECTS	\$0	\$350,000	\$0	\$150,000	\$150,000	\$650,000
TRANSPORTATION & DRAINAGE PROJECTS						
Debt Funding	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000
Grant Funding	\$500,000	\$0	\$0	\$0	\$0	\$500,000
General Fund	\$50,000	\$0	\$0	\$0	\$0	\$50,000
State Funding	\$655,800	\$892,025	\$2,031,625	\$1,832,018	\$8,295,862	\$13,707,330
TOTAL TRANSPORTATION & DRAINAGE PROJECTS	\$1,205,800	\$1,892,025	\$3,031,625	\$2,832,018	\$9,295,862	\$18,257,330
PUBLIC WORKS						
General Fund	\$68,000	\$0	\$155,000	\$218,000	\$192,000	\$633,000
Debt Funding	\$595,000	\$0	\$0	\$0	\$0	\$595,000
TOTAL PUBLIC WORKS	\$663,000	\$0	\$155,000	\$218,000	\$192,000	\$1,228,000
FACILITIES PROJECTS						
General Fund	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL FACILITIES	\$0	\$0	\$0	\$0	\$0	\$0
FINANCE PROJECTS						
Debt Funding	\$0	\$0	\$0	\$0	\$0	\$0
FINANCE PROJECTS	\$0	\$0	\$0	\$0	\$0	\$0
MISCELLANEOUS						
Debt Funding	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL MISCELLANEOUS	\$0	\$0	\$0	\$0	\$0	\$0
SOLID WASTE						
General Fund	\$0	\$0	\$0	\$0	\$135,000	\$135,000
TOTAL SOLID WASTE	\$0	\$0	\$0	\$0	\$135,000	\$135,000
RECREATION & EVENTS PROJECTS						
Debt Funding	\$0	\$0	\$0	\$0	\$0	\$0
General Fund	\$0	\$0	\$87,000	\$138,500	\$5,000	\$230,500
Grant Funding	\$0	\$700,000	\$10,000	\$355,000	\$10,000	\$1,075,000
TOTAL RECREATION & EVENTS PROJECTS	\$0	\$700,000	\$97,000	\$493,500	\$15,000	\$1,305,500
UTILITIES PROJECTS						
Revenue Bond Funding	\$190,000	\$590,000	\$514,000	\$514,000	\$514,000	\$2,322,000
Sewer Fund	\$199,200	\$0	\$0	\$0	\$0	\$199,200
TOTAL UTILITIES PROJECTS	\$389,200	\$590,000	\$514,000	\$514,000	\$514,000	\$2,521,200

Capital Improvement Funding Sources as Recommended by the City Manager

Funding Source	FY12	FY13	FY14	FY15	FY16	Total Cost
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ALL PROJECTS

Debt Funding	\$595,000	\$2,071,000	\$12,075,000	\$1,000,000	\$1,000,000	\$16,741,000
Revenue Bond Funding	\$190,000	\$590,000	\$514,000	\$514,000	\$514,000	\$2,322,000
General Fund	\$196,000	\$350,000	\$483,000	\$604,500	\$681,000	\$2,314,500
Grant Funds	\$500,000	\$700,000	\$10,000	\$405,000	\$60,000	\$1,675,000
Donations	\$0	\$0	\$0	\$50,000	\$50,000	\$100,000
State Funding	\$655,800	\$892,025	\$2,031,625	\$1,832,018	\$8,295,862	\$13,707,330
Sewer Fund	\$199,200	\$0	\$0	\$0	\$0	\$199,200
TOTAL ALL PROJECTS	\$2,336,000	\$4,603,025	\$15,113,625	\$4,405,518	\$10,600,862	\$37,059,030

Operational Impact of Funding Source

General Fund Transfer	\$196,000	\$350,000	\$483,000	\$604,500	\$681,000	\$2,314,500
Debt Service Payment	\$24,000	\$659,400	\$1,271,400	\$1,399,400	\$1,527,400	\$4,881,600
Total	\$220,000	\$1,009,400	\$1,754,400	\$2,003,900	\$2,208,400	\$7,196,100

Tax Rate Equivalent	0.01	0.06	0.10	0.12	0.13
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Summary Capital Improvements and Capital Outlay as Recommended by the City Manager

Funding Source	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
SCHOOL PROJECTS							
Capital Improvements	\$78,000	\$1,071,000	\$11,316,000	\$198,000	\$299,000	\$4,701,000	\$17,663,000
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$65,000	\$65,000
TOTAL SCHOOL PROJECTS	\$78,000	\$1,071,000	\$11,316,000	\$198,000	\$299,000	\$4,766,000	\$17,728,000
PUBLIC SAFETY PROJECTS							
Capital Improvements	\$0	\$350,000	\$0	\$150,000	\$150,000	\$2,500,000	\$3,150,000
Capital Outlay	\$31,000	\$0	\$62,000	\$31,000	\$31,000	\$155,000	\$310,000
TOTAL PUBLIC SAFETY PROJECTS	\$31,000	\$350,000	\$62,000	\$181,000	\$181,000	\$2,655,000	\$3,460,000
TRANSPORTATION & DRAINAGE PROJECTS							
Capital Improvements	\$1,205,800	\$1,892,025	\$3,031,625	\$2,832,018	\$9,295,862	\$34,950,000	\$53,207,330
TOTAL TRANSPORTATION & DRAINAGE PROJECTS	\$1,205,800	\$1,892,025	\$3,031,625	\$2,832,018	\$9,295,862	\$34,950,000	\$53,207,330
PUBLIC WORKS							
Capital Improvements	\$663,000	\$0	\$155,000	\$218,000	\$192,000	\$1,775,000	\$3,003,000
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$304,700	\$304,700
TOTAL PUBLIC WORKS	\$663,000	\$0	\$155,000	\$218,000	\$192,000	\$2,079,700	\$3,307,700
FACILITIES PROJECTS							
Capital Improvements	\$0	\$0	\$0	\$0	\$0	\$623,000	\$623,000
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$93,500	\$93,500
TOTAL FACILITIES	\$0	\$0	\$0	\$0	\$0	\$716,500	\$716,500
FINANCE PROJECTS							
Capital Improvements	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000
FINANCE PROJECTS	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000
MISCELLANEOUS							
Capital Improvements	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Capital Outlay	\$0	\$0	\$0	\$0	\$0	\$12,000	\$12,000
TOTAL MISCELLANEOUS	\$0	\$0	\$0	\$0	\$0	\$212,000	\$212,000
SOLID WASTE							
Capital Improvements	\$0	\$0	\$0	\$0	\$135,000	\$155,000	\$290,000
Capital Outlay	\$28,000	\$0	\$0	\$0	\$0	\$0	\$28,000
TOTAL SOLID WASTE	\$28,000	\$0	\$0	\$0	\$135,000	\$155,000	\$318,000
RECREATION & EVENTS PROJECTS							
Capital Improvements	\$0	\$700,000	\$97,000	\$493,500	\$15,000	\$22,835,895	\$24,141,395
TOTAL RECREATION & EVENTS PROJECTS	\$0	\$700,000	\$97,000	\$493,500	\$15,000	\$22,835,895	\$24,141,395
UTILITIES PROJECTS							
Capital Improvements	\$389,200	\$590,000	\$514,000	\$514,000	\$514,000	\$514,000	\$3,035,200
Capital Outlay	\$32,000	\$0	\$0	\$0	\$0	\$0	\$32,000
TOTAL UTILITIES PROJECTS	\$421,200	\$590,000	\$514,000	\$514,000	\$514,000	\$514,000	\$3,067,200
FLEET PROJECTS							
Capital Outlay	\$5,494	\$36,374	\$0	\$0	\$0	\$0	\$41,868
TOTAL FLEET PROJECTS	\$5,494	\$36,374	\$0	\$0	\$0	\$0	\$41,868
TOTAL							
Capital Improvements	\$2,336,000	\$4,603,025	\$15,113,625	\$4,405,518	\$10,600,862	\$68,753,895	\$105,812,925
Capital Outlay	\$96,494	\$36,374	\$62,000	\$31,000	\$31,000	\$630,200	\$887,068
TOTAL ALL DEPARTMENTS	\$2,432,494	\$4,639,399	\$15,175,625	\$4,436,518	\$10,631,862	\$69,384,095	\$106,699,993

Capital Improvements Plan as Requested by Departments

Project Title	Funding Source	Project #	Prior Year Funding	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
SCHOOL PROJECTS										
High School Forum Renovation	D	08-SCH-104							\$2,500,000	\$2,500,000
High School Track	GF	08-SCH-106			\$300,000					\$300,000
Primary School HVAC Replacement	GF	10-SCH-107		\$120,000						\$120,000
Middle School Renovation	D	10-SCH-110				\$1,071,000	\$11,075,000			\$12,146,000
Primary School Roof Replacement	D	11-SCH-002						\$350,000		\$350,000
High School Locker Room Renovation	GF	11-SCH-005							\$66,000	\$66,000
High School HVAC	GF	11-SCH-006						\$75,000		\$75,000
District-wide Electronic Door Access	GF	11-SCH-008		\$55,000						\$55,000
Bus Replacement	GF	11-SCH-009		\$149,000	\$156,000	\$78,000	\$156,000	\$78,000	\$153,000	\$770,000
Asphalt Repairs	GF	12-SCH-001						\$146,000		\$146,000
Primary School HVAC Controls	GF	12-SCH-002			\$85,000					\$85,000
High School Roof Replacement	D	12-SCH-003							\$925,000	\$925,000
High School Gym HVAC	D	12-SCH-004							\$125,000	\$125,000
TOTAL SCHOOL PROJECTS				\$269,000	\$596,000	\$1,149,000	\$11,231,000	\$649,000	\$3,769,000	\$17,663,000
PUBLIC SAFETY PROJECTS										
Replacement of Engine 102	D	08-PS-301		\$350,000						\$350,000
Replacement of Medic 3	GF,G,DN	11-PS-001				\$150,000				\$150,000
Replacement of Medic 4	GF,G,DN	11-PS-002			\$150,000					\$150,000
Public Safety Building	D	11-PS-003						\$2,500,000		\$2,500,000
TOTAL PUBLIC SAFETY PROJECTS				\$350,000	\$150,000	\$150,000	\$0	\$2,500,000	\$0	\$3,150,000
TRANSPORTATION & DRAINAGE PROJECTS										
Wythe Creek Road South	SF	08-T&D-202	\$4,159,000	\$200,000	\$400,000	\$1,645,850	\$1,458,288	\$8,295,862		\$12,000,000
Oxford Mews Drainage Improvements	SF	08-T&D-204		\$120,000						\$120,000
Chesapeake Bay TMDL Improvements	D	12-T&D-001		\$50,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$21,950,000	\$30,000,000
Poquoson Shores Tidal Flooding	SF	12-T&D-002		\$70,000	\$50,000					\$120,000
Poquoson Avenue Piping Upgrade	SF	12-T&D-003		\$145,000						\$145,000
City Ditch Erosion Paving	SF	12-T&D-004		\$147,300	\$100,800					\$248,100
Wainwright Drive Curb Upgrade	SF	12-T&D-005		\$50,000						\$50,000
ROW & Sidewalk Acquisition	G	08-T&D-210		\$500,000						\$500,000
Victory Boulevard	SF	12-T&D-006							\$9,000,000	\$9,000,000
Street Paving	SF	12-T&D-007		\$366,500	\$339,000	\$318,730				\$1,024,230
TOTAL TRANSPORTATION & DRAINAGE PROJECTS			\$4,159,000	\$1,648,800	\$2,889,800	\$3,964,580	\$3,458,288	\$10,295,862	\$30,950,000	\$53,207,330
PUBLIC WORKS										
Public Works Compound	D	08-PW-407		\$595,000	\$535,000	\$160,000	\$54,000	\$55,000	\$300,000	\$1,699,000
Dump Truck	GF	12-PW-001		\$68,000		\$73,000	\$68,000			\$209,000
Excavator	GF	12-PW-002			\$210,000	\$120,000				\$330,000
Loader	GF	12-PW-003		\$155,000						\$155,000
Grader	GF	12-PW-004		\$128,000						\$128,000
Sweeper	GF	12-PW-005				\$192,000				\$192,000
Dozier	GF	12-PW-006					\$95,000			\$95,000
Mower	GF	12-PW-007		\$90,000		\$105,000				\$195,000
TOTAL PUBLIC WORKS				\$1,036,000	\$745,000	\$650,000	\$217,000	\$55,000	\$300,000	\$3,003,000
FACILITIES PROJECTS										
Municipal Building Roof	D	12-FAC-001		\$200,000						\$200,000
HVAC systems for City Hall	D	12-FAC-002			\$350,000					\$350,000
HVAC systems for Police Department	GF	12-FAC-003				\$73,000				\$73,000
TOTAL FACILITIES PROJECTS				\$200,000	\$350,000	\$73,000	\$0	\$0	\$0	\$623,000
FINANCE PROJECTS										
	D	12-FIN-001					\$500,000			\$500,000
TOTAL FINANCE				\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000

Capital Improvements Plan as Requested by Departments

Project Title	Funding Source	Project #	Prior Year Funding	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost	
MISCELLANEOUS PROJECTS											
Telephone System	D	10-MISC-001			\$200,000					\$200,000	
TOTAL MISCELLANEOUS				\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000	
SOLID WASTE PROJECTS											
Debris Truck	GF	12-PW-006		\$135,000		\$155,000				\$290,000	
TOTAL SOLID WASTE				\$135,000	\$0	\$155,000	\$0	\$0	\$0	\$290,000	
RECREATION & EVENTS PROJECTS											
Blue Way System	G,GF	08-P&R-503		\$13,000	\$22,500	\$15,000	\$15,000			\$65,500	
South Lawson Park Upgrades	GF	08-P&R-512		\$200,000	\$200,000					\$400,000	
Messick Point Breakwater	GF,G	08-P&R-510			\$25,000	\$335,000				\$360,000	
Municipal Ball field Lighting Upgrade	GF	08-P&R-513				\$5,000	\$145,000			\$150,000	
Municipal Pool House Renovation	GF	08-P&R-517		\$25,000	\$200,000					\$225,000	
Western Precinct Park	D	08-P&R-509				\$1,000,000				\$1,000,000	
Municipal Pool Reconstruction	D	11-R&E-002				\$50,000	\$3,750,000			\$3,800,000	
Recreation Center	D	11-R&E-003				\$300,000		\$16,945,895		\$17,245,895	
Messick Point Pier & Beach	G	11-R&E-004			\$700,000					\$700,000	
South Lawson Park Bike Path	GF	12-R&E-001		\$59,000	\$136,000					\$195,000	
TOTAL RECREATION & EVENTS PROJECTS				\$297,000	\$1,283,500	\$1,705,000	\$3,910,000	\$16,945,895	\$0	\$24,141,395	
UTILITIES PROJECTS											
Pump Station Generators	GF	08-SWR-008			\$120,000					\$120,000	
Sewer Cleaning Truck	GF	08-SWR-007		\$90,000						\$90,000	
Replacement of Power Supplies	GF	11-SWR-001		\$100,000						\$100,000	
Sanitary Sewer Evaluation Study	SW	11-SWR-002	\$700,000	\$199,200						\$199,200	
Sanitary Sewer Consent Repairs	SW	12-SWR-001			\$470,000	\$514,000	\$514,000	\$514,000	\$514,000	\$2,526,000	
TOTAL UTILITIES PROJECTS				\$700,000	\$389,200	\$590,000	\$514,000	\$514,000	\$514,000	\$3,035,200	
Totals				\$4,859,000	\$4,325,000	\$6,804,300	\$8,360,580	\$19,830,288	\$30,959,757	\$35,533,000	\$105,812,925

Funding Source Key

D- Debt Issue	G- Grant
DN- Donation	SF- State Funding
GF- General Fund	SW- Sewer Fund
	RB- Revenue Bds

Capital Improvement Funding Sources as requested by Departments

Funding Source	FY12	FY13	FY14	FY15	FY16	Total Cost
SCHOOL PROJECTS						
Debt Funding	\$0	\$0	\$1,071,000	\$11,075,000	\$350,000	\$12,496,000
General Fund	\$269,000	\$596,000	\$78,000	\$156,000	\$299,000	\$1,398,000
TOTAL SCHOOL PROJECTS	\$269,000	\$596,000	\$1,149,000	\$11,231,000	\$649,000	\$13,894,000
PUBLIC SAFETY PROJECTS						
Debt Funding	\$350,000	\$0	\$0	\$0	\$2,500,000	\$2,850,000
General Fund	\$0	\$50,000	\$50,000	\$0	\$0	\$100,000
Grant Funding	\$0	\$50,000	\$50,000	\$0	\$0	\$100,000
Donations	\$0	\$50,000	\$50,000	\$0	\$0	\$100,000
TOTAL PUBLIC SAFETY PROJECTS	\$350,000	\$150,000	\$150,000	\$0	\$2,500,000	\$3,150,000
TRANSPORTATION & DRAINAGE PROJECTS						
Grant Funding	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Debt Funding	\$50,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$8,050,000
State Funding	\$1,098,800	\$889,800	\$1,964,580	\$1,458,288	\$8,295,862	\$13,707,330
TOTAL TRANSPORTATION & DRAINAGE PROJECTS	\$1,648,800	\$2,889,800	\$3,964,580	\$3,458,288	\$10,295,862	\$22,257,330
PUBLIC WORKS						
Debt Funding	\$595,000	\$535,000	\$160,000	\$54,000	\$55,000	\$1,399,000
General Fund	\$441,000	\$210,000	\$490,000	\$163,000	\$0	\$1,304,000
TOTAL PUBLIC WORKS	\$1,036,000	\$745,000	\$650,000	\$217,000	\$55,000	\$2,703,000
FACILITIES PROJECTS						
Debt Funding	\$200,000	\$350,000	\$0	\$0	\$0	\$550,000
General Fund	\$0	\$0	\$73,000	\$0	\$0	\$73,000
TOTAL FACILITIES	\$200,000	\$350,000	\$73,000	\$0	\$0	\$623,000
FINANCE PROJECTS						
Debt Funding	\$0	\$0	\$0	\$500,000	\$0	\$500,000
FINANCE PROJECTS	\$0	\$0	\$0	\$500,000	\$0	\$500,000
MISCELLANEOUS						
Debt Funding	\$0	\$200,000	\$0	\$0	\$0	\$200,000
TOTAL MISCELLANEOUS	\$0	\$200,000	\$0	\$0	\$0	\$200,000
SOLID WASTE						
General Fund	\$135,000	\$0	\$155,000	\$0	\$0	\$290,000
TOTAL SOLID WASTE	\$135,000	\$0	\$155,000	\$0	\$0	\$290,000
RECREATION & EVENTS PROJECTS						
Debt Funding	\$0	\$0	\$1,350,000	\$3,750,000	\$16,945,895	\$22,045,895
General Fund	\$287,000	\$563,500	\$10,000	\$145,000	\$0	\$1,005,500
Grant Funding	\$10,000	\$720,000	\$345,000	\$15,000	\$0	\$1,090,000
TOTAL RECREATION & EVENTS PROJECTS	\$297,000	\$1,283,500	\$1,705,000	\$3,910,000	\$16,945,895	\$24,141,395
UTILITIES PROJECTS						
General Fund	\$190,000	\$120,000	\$0	\$0	\$0	\$310,000
Sewer Fund	\$199,200	\$470,000	\$514,000	\$514,000	\$514,000	\$2,211,200
TOTAL UTILITIES PROJECTS	\$389,200	\$590,000	\$514,000	\$514,000	\$514,000	\$2,521,200

Capital Improvement Funding Sources as requested by Departments

Funding Source	FY12	FY13	FY14	FY15	FY16	Total Cost
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ALL PROJECTS

Debt Funding	\$1,195,000	\$3,085,000	\$4,581,000	\$17,379,000	\$21,850,895	\$48,090,895
General Fund	\$1,322,000	\$1,539,500	\$856,000	\$464,000	\$299,000	\$4,480,500
Grant Funds	\$510,000	\$770,000	\$395,000	\$15,000	\$0	\$1,690,000
Donations	\$0	\$50,000	\$50,000	\$0	\$0	\$100,000
State Funding	\$1,098,800	\$889,800	\$1,964,580	\$1,458,288	\$8,295,862	\$13,707,330
Sewer Fund	\$199,200	\$470,000	\$514,000	\$514,000	\$514,000	\$2,211,200
TOTAL ALL PROJECTS	\$4,325,000	\$6,804,300	\$8,360,580	\$19,830,288	\$30,959,757	\$70,279,925

Operational Impact of Funding Source

General Fund Transfer	\$1,322,000	\$1,539,500	\$856,000	\$464,000	\$299,000	\$4,480,500
Debt Service Payment	\$40,015	\$262,409	\$785,876	\$2,392,985	\$3,881,777	\$7,363,062
Total	\$1,362,015	\$1,801,909	\$1,641,876	\$2,856,985	\$4,180,777	\$11,843,562

Tax Rate Equivalent	0.08	0.11	0.10	0.17	0.25
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Summary Capital Improvements and Capital Outlay as requested by Departments

Funding Source	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
SCHOOL PROJECTS							
Capital Improvements	\$269,000	\$596,000	\$1,149,000	\$11,231,000	\$649,000	\$3,769,000	\$17,663,000
Capital Outlay	\$65,000	\$0	\$0	\$0	\$0	\$0	\$65,000
TOTAL SCHOOL PROJECTS	\$334,000	\$596,000	\$1,149,000	\$11,231,000	\$649,000	\$3,769,000	\$17,728,000
PUBLIC SAFETY PROJECTS							
Capital Improvements	\$350,000	\$150,000	\$150,000	\$0	\$2,500,000	\$0	\$3,150,000
Capital Outlay	\$62,000	\$62,000	\$62,000	\$62,000	\$62,000	\$0	\$310,000
TOTAL PUBLIC SAFETY PROJECTS	\$412,000	\$212,000	\$212,000	\$62,000	\$2,562,000	\$0	\$3,460,000
TRANSPORTATION & DRAINAGE PROJECTS							
Capital Improvements	\$1,648,800	\$2,889,800	\$3,964,580	\$3,458,288	\$10,295,862	\$30,950,000	\$53,207,330
TOTAL TRANSPORTATION & DRAINAGE PROJECTS	\$1,648,800	\$2,889,800	\$3,964,580	\$3,458,288	\$10,295,862	\$30,950,000	\$53,207,330
PUBLIC WORKS							
Capital Improvements	\$1,036,000	\$745,000	\$650,000	\$217,000	\$55,000	\$300,000	\$3,003,000
Capital Outlay	\$146,500	\$106,600	\$7,600	\$0	\$44,000	\$0	\$304,700
TOTAL PUBLIC WORKS	\$1,182,500	\$851,600	\$657,600	\$217,000	\$99,000	\$300,000	\$3,307,700
FACILITIES PROJECTS							
Capital Improvements	\$200,000	\$350,000	\$73,000	\$0	\$0	\$0	\$623,000
Capital Outlay	\$50,000	\$0	\$43,500	\$0	\$0	\$0	\$93,500
TOTAL FACILITIES	\$250,000	\$350,000	\$116,500	\$0	\$0	\$0	\$716,500
FINANCE PROJECTS							
Capital Improvements	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000
FINANCE PROJECTS	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000
MISCELLANEOUS							
Capital Improvements	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Capital Outlay	\$12,000	\$0	\$0	\$0	\$0	\$0	\$12,000
TOTAL MISCELLANEOUS	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
SOLID WASTE							
Capital Improvements	\$135,000	\$0	\$155,000	\$0	\$0	\$0	\$290,000
Capital Outlay	\$28,000	\$0	\$0	\$0	\$0	\$0	\$28,000
TOTAL SOLID WASTE	\$163,000	\$0	\$155,000	\$0	\$0	\$0	\$318,000
RECREATION & EVENTS PROJECTS							
Capital Improvements	\$297,000	\$1,283,500	\$1,705,000	\$3,910,000	\$16,945,895	\$0	\$24,141,395
TOTAL RECREATION & EVENTS PROJECTS	\$297,000	\$1,283,500	\$1,705,000	\$3,910,000	\$16,945,895	\$0	\$24,141,395
UTILITIES PROJECTS							
Capital Improvements	\$389,200	\$590,000	\$514,000	\$514,000	\$514,000	\$514,000	\$3,035,200
Capital Outlay	\$32,000	\$0	\$0	\$0	\$0	\$0	\$32,000
TOTAL UTILITIES PROJECTS	\$421,200	\$590,000	\$514,000	\$514,000	\$514,000	\$514,000	\$2,553,200
FLEET PROJECTS							
Capital Outlay	\$5,494	\$36,374	\$0	\$0	\$0	\$0	\$41,868
TOTAL FLEET PROJECTS	\$5,494	\$36,374	\$0	\$0	\$0	\$0	\$41,868
TOTAL							
Capital Improvements	\$4,325,000	\$6,804,300	\$8,360,580	\$19,830,288	\$30,959,757	\$35,533,000	\$105,812,925
Capital Outlay	\$400,994	\$204,974	\$113,100	\$62,000	\$106,000	\$0	\$887,068
TOTAL ALL DEPARTMENTS	\$4,725,994	\$7,009,274	\$8,473,680	\$19,892,288	\$31,065,757	\$35,533,000	\$106,699,993

Department: Schools	Project Number and Title: High School Forum Renovation 08-SCH-104
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Contact: Jennifer Parish

Project Type: Improvement

Useful Life: 25 years

New Positions: N/A

Total Project Cost: \$2,500,000

Description:

The forum at the high school will be renovated and expanded by 5,000 square feet to accommodate up to 800 people. Currently, the forum can seat an audience of around 350. Note: Middle School renovation impacts this project.

Justification:

The forum renovation would allow for a variety of school and community programs that cannot be scheduled currently due to the size of the facility. Renovations to the forum will allow the Poquoson High School chorus and band, which currently hold concerts at Tabb High School, to perform at home and could be used as an inclement weather site for the Seafood Festival.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Construction Maintenance						\$2,500,000	\$2,500,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Debt Issue						\$2,500,000	\$2,500,000

Operational Impact/Other:

The debt service on this project at 5% interest over 20 years equates to annual payments of \$199,000 beginning after FY 2016.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Schools	Project Number and Title: High School Track 08-SCH-106
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Contact: Jennifer Parish

Project Type: Improvement

Useful Life: 25 years

New Positions: N/A

Total Project Cost: \$300,000

Description:

The track behind Poquoson High School will be replaced. The new track will be a rubberized surface on top of a base of stone and asphalt. The track will meet all VHSL standards necessary to sponsor high school track and field events.

Justification:

The current high school track is in poor condition. There are a number of cracks in the asphalt surface that pose a safety risk to students and patrons using the facility. In addition, the asphalt surface lacks resilience and can cause injury to runners over time. The new track will be open for the community to use for recreational purposes.

Expenditures:

	<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Other							\$300,000	\$300,000

Funding Sources:

	<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
General Fund							\$300,000	\$300,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Schools	Project Number and Title: Primary School HVAC Replacement 10-SCH-107
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Contact: Jennifer Parish

Project Type: Improvement

Useful Life:

New Positions: N/A

Total Project Cost: \$120,000

Description:

Renovation or reengineering of the HVAC systems serving the cafeteria and gym are needed. Internal humidity issues exist during periods of high outside humidity. The rooftop Makeup-Air-Unit (MAU) designed to control humidity did not include the cafeteria and gym at the time of construction.

Justification:

The humidity issue in the cafeteria and gym are such that comfort levels cannot be obtained without reaching the dew point creating significant slip hazards as well as other potential problems.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Equipment				\$120,000			\$120,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
General Fund				\$120,000			\$120,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Schools	Project Number and Title: Middle School Renovation 10-SCH-110
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Contact: Jennifer Parish

Project Type: Improvement

Useful Life:

New Positions: N/A

Total Project Cost: \$12,146,000

Description:

Renovation of the current Middle School, including all infrastructure (HVAC, lighting, plumbing, and mechanical), classrooms, public spaces, gym locker rooms, gym roof, and handicapped accessibility, etc. Middle School locker room renovation of \$370,000 and Middle School gym roof of \$110,000 would need to be done if the entire Middle School renovation is not constructed.

Justification:

The original portion of the building is now over 76 years old. Classrooms need modernization, the gym roof requires replacement, the public restrooms and boys and girls locker rooms are antiquated and do not lend themselves to use with the new field. The HVAC system needs to be replaced and the electro mechanical infrastructure needs to be modernized. A substantial renovation of the existing school would cure many ills of the building while offering the ability to preserve the historical significance of the buildings façade. The School would become more energy efficient, and be able to serve the needs of teams and the community at athletic events.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Renovation		\$1,071,000	\$11,075,000				\$12,146,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Debt Issue		\$12,146,000					\$12,146,000

Operational Impact/Other:

The debt service on this project at 5% interest over 20 years would be approximately \$968,000 per year.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
Debt Service		\$484,000	\$968,000	\$968,000	\$968,000

Department: Schools	Project Number and Title: Primary School Roof Replacement 11-SCH-002
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Contact: Jennifer Parish

Project Type: Improvement

Useful Life: 20+ years

New Positions: N/A

Total Project Cost: \$350,000

Description:

The Primary School “built up roof” is currently in good condition. Most of the areas that allow water infiltration have been repaired. The roof’s useful life can be extended significantly without the cost of total replacement by performing a re-saturation of a modified asphalt flood coat with new gravel and new flashing.

Justification:

The existing roof will be 25 years old, and this will give another 15-25 years of life to the existing roof. Eliminate all leaks and fortify the roof for an addition 15-25 years, rather than waiting until replacement is necessary, will save at least \$300,000.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Construction						\$350,000	\$350,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
General Fund						\$350,000	\$350,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Schools	Project Number and Title: High School Locker Room Renovation 11-SCH-005
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Contact: Jennifer Parish

Project Type: Improvement

Useful Life: 15 years

New Positions: N/A

Total Project Cost: \$66,000

Description:

Renovate the High School locker rooms to include new lockers, operational showers and restrooms.

Justification:

The current facilities are substandard. Showers are inoperable and lockers are too small to accommodate daily use by students and athletes. Renovating the High School locker rooms will allow students and athletes access to improved and functioning facilities.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Construction						\$66,000	\$66,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
General Fund						\$66,000	\$66,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Schools	Project Number and Title: High School HVAC 11-SCH-006
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Contact: Jennifer Parish

Project Type: Improvement

Useful Life: 15 years

New Positions: N/A

Total Project Cost: \$75,000

Description:

Refurbish and/or replace Variable Air Volume (VAV) units and controls.

Justification:

The 80 VAV boxes on the High School roof are currently 13 years old and will need refurbishment or replacement. Changes to the controls will also be required. Refurbishment and/or replacement is needed to maintain reliable comfort in 80 classrooms and public spaces.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Construction					\$75,000		\$75,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
General Fund					\$75,000		\$75,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Schools	Project Number and Title: District-wide Electronic Door Access 11-SCH-008
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Contact: Jennifer Parish

Project Type: Equipment

Useful Life: 15 years

New Positions: N/A

Total Project Cost: \$55,000

Description:

Provide electronic door access for key entry points at all schools as well as camera and speaker system security at the primary entry point for each school.

Justification:

Electronic door access and camera and speaker system will improve security measures at the four schools. Currently, staff is rotated and positioned at the main entrance at each school. Electronic door access and camera and speakers will improve operational efficiency and security.

Expenditures:

	<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Equipment							\$55,000	\$55,000

Funding Sources:

	<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
General Fund							\$55,000	\$55,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Schools	Project Number and Title: Bus Replacement 11-SCH-009
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Contact: Jennifer Parish

Project Type: Equipment

Useful Life: 12+ years

New Positions: N/A

Total Project Cost: \$770,000

Description:

The current fleet is aged beyond that recommended by the STATE. Our current fleet has five buses 15 years or older, one of which is 20 years old. There are currently four buses with over 200,000 miles on them. Current cost for a 24 passenger Type A handicapped bus is approximately \$71,000. A conventional 65 passenger Type C bus is approximately \$78,000.

Justification:

Section 20-70-490 of the Virginia Administrative Code states: *a schedule for a replacement of buses on a continuing basis shall be developed and implemented by each school division.*
We use 16 buses on a daily basis, 11 of which are either older than 12 years or have excessive mileage.

Expenditures:

	<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Vehicle		\$78,000		\$156,000	\$78,000	\$78,000	\$380,000	\$770,000

Funding Sources:

	<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
General Fund		\$78,000		\$156,000	\$78,000	\$78,000	\$380,000	\$770,000

Operational Impact/Other:

Replacing buses on a more regular basis (every 15 years) will help to reduce maintenance costs and breakdowns as well as allow for the total fleet to be reduced in size.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Schools	Project Number and Title: Asphalt Repairs 12-SCH-001
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Contact: Jennifer Parish

Project Type: Improvement

Useful Life: 15 years

New Positions: N/A

Total Project Cost: \$146,000

Description:

Maintenance and repairs to areas of the Primary School and High School parking lots.

Justification:

Significant alligating and pot holes are occurring throughout the parking lots. Repairs are necessary to minimize injuries and damage to pedestrians and vehicles.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Construction					\$146,000		\$146,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
General Fund					\$146,000		\$146,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Schools	Project Number and Title: Primary School HVAC Controls 12-SCH-002
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Contact: Jennifer Parish

Project Type: Improvement

Useful Life: 15 years

New Positions: N/A

Total Project Cost: \$85,000

Description:

To replace existing 21 year old control system with a system that can incorporate existing HVAC systems and is robust and utilizes enhanced best practices.

Justification:

The HVAC control system is original and has never been upgraded is DOS based and the component parts are no longer available. The system is becoming increasingly problematic, and does not currently incorporate many of the controllable devices in the building.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Construction			\$85,000				\$85,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
General Fund			\$85,000				\$85,000

Operational Impact/Other:

Better control of energy systems, increased comfort and reduced energy consumption.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Schools	Project Number and Title: High School Roof Replacement 12-SCH-003
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Contact: Jennifer Parish

Project Type: Improvement

Useful Life: 15 years

New Positions: N/A

Total Project Cost: \$925,000

Description:

Install a second layer onto existing roof.

Justification:

The roof is a “modified bitumen” roof with an average service life of 17.3 years. The roof will be 21 years old in 2017. Roof leaks are being patched as they reveal themselves. Water intrusion leads to other costly damage and increased risk of building moisture intrusion and associated problems.

Expenditures:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
Construction						\$925,000	\$925,000

Funding Sources:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
Debt Issue						\$925,000	\$925,000

Operational Impact/Other:

The debt service on this project at 5% interest over 20 years equates to annual payments of \$74,000.

Operating Budget Impact:

Type	FY12	FY13	FY14	FY15	FY16
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Department: Schools	Project Number and Title: High School Gym HVAC 12-SCH-004
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Contact: Jennifer Parish

Project Type: Improvement

Useful Life: 15 years

New Positions: N/A

Total Project Cost: \$125,000

Description:

Add Air Conditioning to the gym. Plean would be to add self contained a/c package units to the roof of the gym.

Justification:

Air conditioning was never provided for the High School Gym. Adding air conditioning will enhance the comfort of students, parents, faculty, and the community. By utilizing self contained package units, energy savings would be realized by not using the big building chiller for cooling just the gym during off peak periods.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Construction						\$125,000	\$125,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Debt Issue						\$125,000	\$125,000

Operational Impact/Other:

The debt service on this project at 5% interest over 10 years equates to annual payments of \$16,000.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Fire	Project Number and Title: Replacement of Engine 102 08-PS-301
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Contact: Robert Holloway

Project Type: Equipment

Useful Life: 25 years

New Positions: N/A

Total Project Cost: \$350,000



Description:

Replacement of Engine 102, a 1990 Grumman Custom 1250 GPM fire pumper located at Station #1 with a Mini-Pumper with compressed air foam system. The City will retain Engine 102 as a reverse pumper in the event one of our first run pumpers is out of service, as well as satisfying ISO's requirement that we maintain a reserve pumper.

Justification:

Engine 102, originally built in 1990, has had an assortment of problems. Two major areas that have already been addressed include replacement of the engine due to its failure and repainting the vehicle in 2007 due to problems with the original craftsmanship. It is our desire to replace this apparatus with a Mini-pumper with compressed air foam system. This piece of equipment will allow us easier access to private lanes which our larger apparatus cannot access.

Expenditures:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
Vehicle		\$350,000					\$350,000

Funding Sources:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
General Fund		\$350,000					\$350,000

Operational Impact/Other:

This will be a replacement vehicle and will be used to maintain the current level of protection. Moreover, the new vehicle should require little repair and maintenance and Engine 102 should require less repair and maintenance due to the fact it will be used only as a reserve pumper in the event one of our first run pumpers is out of service, thereby reducing these costs.

Operating Budget Impact:

Type	FY12	FY13	FY14	FY15	FY16
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Department: Fire	Project Number and Title: Replacement of Medic 3 11-PS-001
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Contact: Robert Holloway

Project Type: Equipment

Useful Life: 10 years

New Positions: N/A

Total Project Cost: \$150,000



Description:

Replacement of Medic 3 located at Station #1.

Justification:

Medic 3 is a 1993 Ford E-450 Type III unit made by MedTech and currently has 90,475 miles. We will replace this unit with a similar unit with an approximate cost of \$150,000.

Expenditures:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
Vehicle				\$150,000			\$150,000

Funding Sources:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
General Fund				\$50,000			\$50,000
Grant Funding				\$50,000			\$50,000
Donations				\$50,000			\$50,000
Total				\$150,000			\$150,000

Operational Impact/Other:

This will be a replacement vehicle and will be used to maintain the current level of service. Moreover, the new vehicle should require little repair and maintenance, thereby reducing these costs.

Operating Budget Impact:

Type	FY12	FY13	FY14	FY15	FY16
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Department: Fire	Project Number and Title: Replacement of Medic 4 11-PS-002
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Contact: Robert Holloway

Project Type: Equipment

Useful Life: 10 years

New Positions: N/A

Total Project Cost: \$150,000



Description:

Replacement of Medic 4 located at Station #1.

Justification:

Medic 4 is a 1997 Ford E-450 Type III unit made by Wheeled Coach and currently has 103,485 miles. We will replace this unit with a similar unit with an approximate cost of \$150,000.

Expenditures:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
Equipment					\$150,000		\$150,000

Funding Sources:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
General Fund					\$50,000		\$50,000
Grant Fund					\$50,000		\$50,000
Donation					\$50,000		\$50,000
Total					\$100,000		\$150,000

Operational Impact/Other:

This will be a replacement vehicle and will be used to maintain the current level of service. Moreover, the new vehicle should require little repair and maintenance, thereby reducing these costs.

Operating Budget Impact:

Type	FY12	FY13	FY14	FY15	FY16
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Department: Police & Fire	Project Number and Title: Public Safety Building 11-PS-003
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Contact: Cliff Bowen

Project Type: Building

Useful Life: 25 years

New Positions: N/A

Total Project Cost: \$2,500,000

Description:

This project involves the construction of a public safety building with 10,000 square feet of work space and storage. This building will house the police department, the fire department’s administration and the emergency operations center. This building will meet the needs of each department by being designed and constructed as a secure facility that is out of the flood zone and of adequate size to support additional office space for supervisors and detectives, new technology and communications equipment, the processing and storage of property and evidence, and the addition of a training/community room.

Justification:

The current police and the fire administration facilities both lack the necessary size and are constrained by their age and their failing utilities and systems. The current EOC is located in a small conference room at city hall. The new EOC would house modern communications equipment, be large enough for the city organization, and be located in a secure facility out of the flood zone. The fire department’s administrative offices are in the municipal building which has recently had some major renovation work, to include the replacement of the HVAC unit.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Construction						\$2,500,000	\$2,500,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Debt Issue						\$2,500,000	\$2,500,000

Operational Impact/Other:

By putting the police department together with the fire administration section, certain savings may be realized in regards to the sharing of equipment and services. For example, one administrative assistant could be shared. The City would only have to maintain one new, energy efficient building versus the current costs of maintaining two old buildings with significant problems with utilities and systems. The debt service on this project at 5% interest over 20 years would be approximately \$200,000 per year.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Transportation & Drainage	Project Number and Title: Wythe Creek Road South 08-T&D-202
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Contact: Debbie Vest

Project Type: Improvement

Useful Life: Indefinite

New Positions: N/A

Total Project Cost: \$16,159,000

Description:

Widen Wythe Creek Road from Alphus Street south to the City line. The project would also extend the City’s bike path and sidewalk. This project is in conjunction with the City of Hampton.

Justification:

Road widening is needed to handle increased traffic volume. The roadway continues to experience increasing congestion and will become a safety hazard if not widened. The State cost share is 98% for engineering, right-of-way acquisition and construction of the project; however, State funds do not flow through City records. Expenditures shown are total costs and funding is accrued annually at VDOT.

Expenditures:

<u>Type</u>	Prior Year						Beyond	Total
	<u>Funding</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY16</u>	<u>Cost</u>
Construction	\$4,159,000	\$200,000	\$400,000	\$1,645,850	\$1,458,288	\$8,295,862		\$16,159,000

Funding Sources:

<u>Type</u>	Prior Year						Beyond	Total
	<u>Funding</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY16</u>	<u>Cost</u>
State Funding	\$4,159,000	\$200,000	\$400,000	\$1,645,850	\$1,458,288	\$8,295,862		\$16,159,000

Operational Impact/Other:

There will be additional lane miles to maintain; however, Poquoson will receive VDOT maintenance money to cover expenses. The City has an appropriation at VDOT for funding of this project in the amount of \$4,159,000.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Transportation & Drainage	Project Number and Title: Oxford Mews Drainage Improvements 08-T&D-204
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Contact: Ellen Roberts

Project Type: Improvement

Useful Life: 25+ years

New Positions: N/A

Total Project Cost: \$120,000



Description:

This project involves upgrading the concrete channel draining the Oxford Mews neighborhood and providing an underground storm water storage system beneath the channel. The concrete channel will be enlarged to a width of 7.5' the underground storage system will consist of 250' of storage pipe underlying backyard channels and connected to a Little Florida Road inlet.

Justification:

Oxford Mews experiences the most rain-caused flooding in the City. Flooding is caused by inadequate channel size and downstream drainage system capacity. Improvements will increase both channel and downstream system capacity. This work will provide additional storage near the location of flooding and will be more cost-effective than upgrading system capacity down stream. Work needs to be completed in the next year, as new EPA Chesapeake Bay TMDL requirements will greatly increase the cost.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Construction	\$120,000						\$120,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
State Funding	\$120,000						\$120,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Transportation & Drainage	Project Number and Title: Chesapeake Bay TMDL Improvements 12-T&D-001
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Contact: Ellen Roberts

Project Type: Improvement

Useful Life: 25+ years

New Positions: N/A

Total Project Cost: \$30,000,000

Description:

These funds will be used to meet the Chesapeake Bay TMDL program requirements. Funds will be used for drainage system retrofits, pond retrofits, dry swales paralleling drainage ditches, rain gardens, stream restoration, pervious pavement replacements and other water quality measures. These requirements are under development by Virginia and the EPA and projected costs are constantly changing. Annual costs used are based on HRPDC estimates of a middle of the road scenario. Actual performance requirements will become known in winter 2011.

Justification:

Aggressive storm water quality control measures are being mandated by the EPA under the Clean Water Act. This Act does not require a cost/benefit analysis.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Consultants	\$50,000						\$50,000
Construction		\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$25,950,000	\$29,950,000
Total	\$50,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$25,000,000	\$30,000,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
General Fund	\$50,000						\$50,000
Debt Issue		\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$25,950,000	\$29,950,000
Total	\$50,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$25,950,000	\$30,000,000

Operational Impact/Other:

The debt issue on this project at 5% interest over 20 years equates to annual payments ranging from \$128,000 to \$640,000.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
Debt Service		\$128,000	\$256,000	\$384,000	\$512,000

Department: Transportation & Drainage	Project Number and Title: Poquoson Shores Tidal Flooding 12-T&D-002
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Contact: Ellen Roberts

Project Type: Improvement

Useful Life: 20 years

New Positions: N/A

Total Project Cost: \$120,000



Description:

Work includes installing tide check or flap valves, upgrading inadequate ditching and reversing the flow on Sandy Bay Drive so that it outfalls to an adequate channel.

Justification:

This project will provide flooding relief during high tide and wind-driven high water events to one of the City’s most flood-prone areas. Installation of tidal valves will provide more time for residents to evacuate the area during major storms and will lessen the amount of flooding during high tidal events.

Expenditures:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
Construction	\$40,000	\$40,000	\$40,000				\$120,000

Funding Sources:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
State Funding	\$40,000	\$40,000	\$40,000				\$120,000

Operational Impact/Other:

Operating Budget Impact:

Type	FY12	FY13	FY14	FY15	FY16
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Department: Transportation & Drainage	Project Number and Title: Poquoson Avenue Piping Upgrade 12-T&D-003
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Contact: Ellen Roberts

Project Type: Improvement

Useful Life: 25+ years

New Positions: N/A

Total Project Cost: \$145,000



Description:

This project involves replacing 248 l.f. of elliptical pipe and 3 connecting drain inlets. This work requires an easement to be purchased and bulkhead work at the pipe outfall to be performed. This project would provide the City with access to an important storm drainage outfall.

Justification:

Private road and property flooding is intense in this area. Upgrading the piping would provide relief for impacted citizens. This work would also allow the City to relocate a drain inlet located partially on private property onto the City right-of-way.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Construction			\$90,000	\$55,000			\$145,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
State Funding			\$90,000	\$55,000			\$145,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Transportation & Drainage	Project Number and Title: City Ditch Erosion Paving 12-T&D-004
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Contact: Ellen Roberts

Project Type: Improvement

Useful Life: 25+ years

New Positions: N/A

Total Project Cost: \$248,100



Description:

This project involves constructing a concrete lining in approximately 2,215 liner feet of non-tidal City ditches over a two year period. The project includes paving ditches near Kelsor Dr, Oakmoore subdivision, Freemoor Dr, and Odd Road near Kid’s Island. Paved ditches are easier to maintain and require less frequent cleanings. This will increase system capacity and reduce sediment transport into downstream channels.

Justification:

The ditches are limited access and subject to erosion. Paving the ditches would eliminate erosion concerns, increase system capacity, and decrease frequency of cleanings. The 2 year time frame is based on the likelihood that the new EPA requirements will make it significantly more expensive to provide erosion control lining in the future.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Construction	\$147,300	\$100,800					\$248,100

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
State Funding	\$147,300	\$100,800					\$248,100

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Transportation & Drainage	Project Number and Title: Wainwright Drive Curb Upgrade 12-T&D-005
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Contact: Ellen Roberts

Project Type: Improvement

Useful Life: 25+ years

New Positions: N/A

Total Project Cost: \$50,000

Description:

This project involves replacing an undersized 4’ curb inlet with a 10’ wide opening curb inlet. The outfall pipe will be enlarged. This pipe will be extended along a side property line to the rear of two properties to ensure that existing structure foundations are not subject to erosion. Erosion control and regarding of the downstream ditch will also be included in this work.

Justification:

The City receives numerous complaints of street flooding during the intense rainfalls from Wainwright Drive residents. This is an older subdivision with inadequate width curb inlet openings and small outfall pipes. Residents of this area have noticed an increase in street flooding over recent years. In addition to street flooding relief, this project affords the opportunity to upgrade and restabilize down stream ditch sections.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Construction		\$50,000					\$50,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
State Funding		\$50,000					\$50,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Transportation & Drainage	Project Number and Title: ROW & Sidewalk Acquisition 08-T&D-210
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Contact: Debbie Vest

Project Type: Improvement

Useful Life: 25+ years

New Positions: N/A

Total Project Cost: \$500,000

Description:

CIP Line item is based on the Bicycle and Pedestrian Safety Program (BPSP) grant funding program. The Sidewalk Committee decided on applying for the VDOT BPSP grant funding program with the Poquoson Avenue segment (from Little Florida Road to Wythe Creek Road). Final design is still pending and may have been requested as part of the grant application. Results of application are unknown and pending City submittal and VDOT's decision.

Justification:

There is a definite need for bike paths and sidewalks in our community for a number of reasons. The City of Poquoson has approximately 60 miles of publicly maintained roads and only a one mile bike bath and minimal sidewalks. Pedestrian and bicycle traffic is significant in Poquoson because of the overwhelmingly residential character of the community. Narrow, heavily traveled roads with almost no shoulders and deep roadside ditches make the need for sidewalks and bike paths along our major roadway corridors essential. A well planned bike path and sidewalk system would provide a safe method for our children to walk and bike to other neighborhoods and to our parks. In addition, these bike paths provide another opportunity for residents and visitors to patronize our shopping centers.

Expenditures:

Type	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Other	\$500,000						\$500,000

Funding Sources:

Type	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Grant	\$500,000						\$500,000

Operational Impact/Other:

Little effect on operating budget because only minimum maintenance is required.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Transportation & Drainage	Project Number and Title: Victory Boulevard 12-T&D-006
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Contact: Debbie Vest

Project Type: Improvement

Useful Life: Indefinite

New Positions: N/A

Total Project Cost: \$9,000,000

Description:

Widen Victory Boulevard from 2 lanes to 4 lanes from Wythe Creek Road to Poquoson City/York County limit.

Justification:

Road widening is needed to handle increased traffic volume. The roadway continues to experience increasing congestion and will become a safety hazard if not widened. The State cost share is 98% for engineering, right-of-way acquisition and construction of the project; however, State funds do not flow through City records. Expenditures shown are total costs and funding is accrued annually at VDOT.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Construction						\$9,000,000	\$9,000,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
State Funding						\$9,000,000	\$9,000,000

Operational Impact/Other:

There will be additional lane miles to maintain; however, Poquoson will receive VDOT maintenance money to cover expenses. The City will need to collaborate with York County on this project.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Public Works	Project Number and Title: Street Paving 12-T&D-007
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Contact: Tom Jones

Project Type: Replacement

Useful Life:

New Positions: N/A

Total Project Cost: \$1,024,230

Description:

Street repaving is necessary for infrastructure upkeep. The following streets are scheduled to be repaved in the following years:
 FY12—Sandy Bay Dr, Rivercrest Dr, Harborview Dr, Bayview Dr
 FY13—Hunts Neck Rd (Valmoore to end), Pasture Rd
 FY14—Carrol Dr, Susan Dr, Lee Ave, Dorothy Dr, Marie Ct, Ruth Dr, Grace Cr,
 FY15—Laydon Way, Watkins Cr, Heron Cr, Sir Ralph Ct, Court Deayllon, Yorktown Rd

Justification:

The repairing of streets is necessary for the upkeep of the City’s infrastructure.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Construction	\$148,500	\$301,225	\$255,775	\$318,730			\$1,024,230

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
State Funding	\$148,500	\$301,225	\$255,775	\$318,730			\$1,024,230

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Public Works	Project Number and Title: Public Works Compound 08-PW-407
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Contact: Bob Speechley

Project Type: Buildings

Useful Life: 30 + years

New Positions: N/A

Total Project Cost: \$1,699,000

Description:

Replacement of buildings in the PW Compound—PW Vehicle Building 50’ x 140’ Public Works Office 40’ x 60’ Vehicle Maintenance 70’ x 90’ Parks Maintenance/Concession and Restrooms 30’ x 60’ Utilities 20’ x 30’ Wash Rack 18’ x 50’ and Chemical Storage Loading Dock 15’ x 20’. This project is expected to be completed in phases.

Justification:

There are buildings in the compound that are unsafe and nonrepairable, no longer accommodate the size of the equipment used by the City and are too small to store all materials, tools, and equipment.

Expenditures:

	<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Construction		\$595,000					\$1,104,000	\$1,699,000

Funding Sources:

	<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Debt Issue		\$595,000					\$1,104,000	\$1,699,000

Operational Impact/Other:

Better facilities, less down time due to equipment repairs, better work environment, safer and meets current codes. The debt service on this project at 5% interest over 20 years would be approximately \$47,500 per year

Operating Budget Impact:

	<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
Debt Service		\$24,000	\$47,500	\$47,500	\$47,500	\$47,500

Department: Public Works	Project Number and Title: Dump Truck 12-PW-001
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Contact: Tom Jones

Project Type: Equipment

Useful Life: 15 years

New Positions: N/A

Total Project Cost: \$209,000

Description:

Replacement of existing 1997 F-800 Dump Truck in FY 13, 2002 7500 Crew Cab Dump Truck with Under Body Air Compressor in FY14 and 2000 GMC 7500 in FY17.

Justification:

Dump Trucks are a very critical part of maintaining the City’s infrastructure. Replacing ageing equipment is very important in providing good service to our citizens.

Expenditures:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
Equipment		\$68,000				\$141,000	\$209,000

Funding Sources:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
General Fund		\$68,000				\$141,000	\$209,000

Operational Impact/Other:

Decrease in Maintenance Budget.

Operating Budget Impact:

Type	FY12	FY13	FY14	FY15	FY16
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Department: Public Works	Project Number and Title: Excavator 12-PW-002
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Contact: Tom Jones

Project Type: Equipment

Useful Life: 16 years

New Positions: N/A

Total Project Cost: \$330,000

Description:

Replacement of existing 1994 All Terrain Excavator and a 2001 Komatzu Excavator in FY17.

Justification:

These machines are critical in maintaining our current drainage system. They are used to clean outfall ditches, installing sewer taps, patching roadways, and repairing sinkholes.

Expenditures:

Type	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Equipment						\$330,000	\$330,000

Funding Sources:

Type	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
General Fund						\$330,000	\$330,000

Operational Impact/Other:

Decrease in Maintenance Budget.

Operating Budget Impact:

Type	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Public Works	Project Number and Title: Loader 12-PW-003
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Contact: Tom Jones

Project Type: Equipment

Useful Life: 16 years

New Positions: N/A

Total Project Cost: \$155,000

Description:

Replacement of existing 1990 John Deere 544E Loader.

Justification:

Replacing ageing equipment is very important in providing good service to citizens. Equipment down time causes delays in performing work. Also, replacement parts are hard to find for equipment 15 years or older.

Expenditures:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
Equipment			\$155,000				\$155,000

Funding Sources:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
General Fund			\$155,000				\$155,000

Operational Impact/Other:

Decrease in Maintenance Budget.

Operating Budget Impact:

Type	FY12	FY13	FY14	FY15	FY16
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Department: Public Works	Project Number and Title: Grader 12-PW-004
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Contact: Tom Jones

Project Type: Equipment

Useful Life: 15 years

New Positions: N/A

Total Project Cost: \$128,000

Description:

Replacement of existing 1997 LEEBOY Grader.

Justification:

This piece of equipment is used for maintaining the road shoulders throughout the City and is over the expected useful life.

Expenditures:

Type	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Equipment				\$128,000			\$128,000

Funding Sources:

Type	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
General Fund				\$128,000			\$128,000

Operational Impact/Other:

Decrease in Maintenance Budget.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Public Works	Project Number and Title: Street Sweeper 12-PW-005
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Contact: Tom Jones

Project Type: Equipment

Useful Life: 14 years

New Positions: N/A

Total Project Cost: \$192,000

Description:

Replacement of existing 2003 Elgin Street Sweeper.

Justification:

This sweeper is used everyday to keep the curb & gutters clean. We spent upwards of \$20,000 in maintenance just last year on this machine.

Expenditures:

Type	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Equipment					\$192,000		\$192,000

Funding Sources:

Type	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
General Fund					\$192,000		\$192,000

Operational Impact/Other:

Decrease in Maintenance Budget.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Public Works	Project Number and Title: Dozier 12-PW-006
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Contact: Tom Jones

Project Type: Equipment

Useful Life: 16 years

New Positions: N/A

Total Project Cost: \$95,000

Description:

Replacement of existing 1998 John Deere 450 Dozier.

Justification:

Equipment down time causes delays in performing scheduled work in a timely manner. Also, replacement parts for equipment 15 or older can be hard to find. This causes yearly maintenance costs to increase.

Expenditures:

Type	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Equipment						\$95,000	\$95,000

Funding Sources:

Type	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
General Fund						\$95,000	\$95,000

Operational Impact/Other:

Decrease in Maintenance Budget.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Public Works	Project Number and Title: Mower Replacement 12-PW-007
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Contact: Tom Jones

Project Type: Equipment

Useful Life: 12 years

New Positions: N/A

Total Project Cost: \$195,000

Description:

Replacement of an existing 1997 Slope Mower in FY 15 and a 2001 John Deere Slope Mower in FY17.

Justification:

The 1997 slope mower tractor is used for cutting all grass in the right-of-way. This is a high maintenance piece of equipment that is currently costing a lot of time and money to keep in service. The 2001 is mainly used to maintain current outfall ditches. Equipment downtime causes delays in performing work.

Expenditures:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
Equipment				\$90,000		\$105,000	\$195,000

Funding Sources:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
General Fund				\$90,000		\$105,000	\$195,000

Operational Impact/Other:

Decrease in Maintenance Budget.

Operating Budget Impact:

Type	FY12	FY13	FY14	FY15	FY16
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Department: Facilities	Project Number and Title: Municipal Building Roof 12-FAC-001
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Contact:

Project Type:

Useful Life:

New Positions: N/A

Total Project Cost: \$200,000

Description:

Remove and replace existing metal roof at 830 Municipal Drive (Old City Hall building). New vinyl faced insulation will be required at the time the metal roof is removed. New gutters and downspouts shall be installed. Based on the age of the building an asbestos survey is advisable prior to any demolition or construction.

Justification:

The building currently provides office space for City of Poquoson Fire Administration and Parks and Recreation, as well as the main records repository for the City. Pictures taken in August of 2008 showed rust and deterioration. Records are stored on the majority of the second floor, leaks could go undetected for long lengths of time causing incalculable damage to stored records.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Construction						\$200,000	\$200,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
General Fund						\$200,000	\$200,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Facilities	Project Number and Title: HVAC Systems for City Hall 12-FAC-002
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Contact:

Project Type: Equipment

Useful Life:

New Positions: N/A

Total Project Cost: \$350,000

Description:

Replace current HVAC system for City Hall and Library. During replacement process Air Handling Units will require replacement due to the fact that current refrigerants in use are not compatible with new equipment and are no longer legal for use. Ductwork changes are recommended to allow more use of outside air.

Justification:

Installation of Building Automation System (BAS) is recommended. A BAS system will give the City control over the systems operation and control systems operations only when needed thus generating savings for the City. Night time setbacks and holiday thermostat setbacks for rooms not in use are controlled from any designated City PC or laptop computer. Rather than replace one system at a time, update all equipment at once thus eliminating construction disturbance throughout the building. More economical operating equipment and more control will equal substantial savings for the City, less Carbon footprint and a healthier environment for City employees.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Equipment						\$350,000	\$350,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
General Fund						\$350,000	\$350,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Facilities	Project Number and Title: HVAC Systems for Police Department 12-FAC-003
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Contact:

Project Type:

Useful Life:

New Positions: N/A

Total Project Cost: \$73,000

Description:

Install two 5 ton R-410A high efficient Heat Pumps with low ambient kits and one 10 ton Air handling Unit with electric heat with new refrigerant piping. The ductwork currently serving the second floor is to be capped off, provide the second floor with its own zone by installing a separate 2 ton heat pump system complete with electric supplemental heat and ductwork.

Justification:

The building's main source of AC/Heat is supplied by a dual circuit 10 to heat pump electric heat system which has a manufacturer's date of 1998. The system is 13 years old; life expectancy of this type of system is 10-15 years. Air-flow is inadequate on the SE corner of the first floor. The second floor air flow is inadequate and an unhealthy environment, especially during use with high occupancy such as meetings and training sessions. New systems shall be installed to allow more use of ambient air thus introducing fresh outside air to the system in order to help promote a healthier work environment. Installation of a BAS will allow control of areas with setbacks during nonuse periods.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Equipment						\$73,000	\$73,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
General Fund						\$73,000	\$73,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Finance	Project Number and Title: Financial System 12-FIN-001
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Contact: Theresa Owens

Project Type: Software and Equipment

Useful Life: 10 years

New Positions: N/A

Total Project Cost: \$500,000

Description:

The replacement of the financial, Commissioner of the Revenue, and Treasurer software program and the related hardware.

Justification:

The current system is over twelve years old and uses technology that was developed in the eighties. In order to continue current processes and service levels in each of the departments the system needs to be replaced.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Equipment						\$500,000	\$500,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
General Fund						\$500,000	\$500,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Miscellaneous	Project Number and Title: Telephone System 10-MISC-901
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Contact: Theresa Owens

Project Type: Equipment

Useful Life: 10 years

New Positions: N/A

Total Project Cost: \$200,000

Description:

The phone system for the City Buildings will be replaced. The system will be a Voice Over IP system with the capabilities of a wide area network for connectivity between buildings.

Justification:

Each phone is on a separate line, therefore costing the City more than necessary. Sporadic outages happen quite regularly and due to the age of the system, phones and other related equipment require frequent replacement. The current system is not supported by Verizon long term.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Equipment						\$200,000	\$200,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
General Fund						\$200,000	\$200,000

Operational Impact/Other:

VOIP provides a more reliable and fully managed system. It is easy to maintain in house and there would be an increase in productivity.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Solid Waste	Project Number and Title: Debris Truck Replacement 12-SW-001
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Contact: Tom Jones

Project Type: Equipment

Useful Life: 50 years

New Positions: N/A

Total Project Cost: \$290,000

Description:

Replacement of existing 2001 20CY Debris Truck in FY12 and a 2003 CY Debris Truck in FY14.

Justification:

These pieces of equipment are used to pickup our bulky and landscape items. It is also critical in picking up after nor'easters and storms.

Expenditures:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
Equipment					\$135,000	\$155,000	\$290,000

Funding Sources:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
General Fund					\$135,000	\$155,000	\$290,000

Operational Impact/Other:

Decrease in Maintenance Budget.

Operating Budget Impact:

Type	FY12	FY13	FY14	FY15	FY16
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Department: Recreation and Events	Project Number and Title: Blue Way System 08-P&R-503
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Contact: Dave Callis

Project Type: Construction—Recreational Amenities

Useful Life: 25+ years

New Positions: N/A

Total Project Cost: \$65,500



Description:

This project proposes to develop a series of public access water trails through and around the City. This would include access to select portions of the Plum Tree Island Wildlife Refuge and include wildlife observation stops and historical points of interest. The Blueway trail system would be developed utilizing existing creeks and channels.

Justification:

Poquoson is blessed with miles of small creeks and channels, most of which are not navigable by most boats. However, these creeks and channels are well suited for small, shallow-draft craft such as canoes and kayaks. Trails through such waters are known as Blueways, a water equivalent to a hiking trail. The City does not take advantage of this existing recreational resource. Utilization of this resource will not only provide users a unique method of experiencing the beauty of Poquoson, it will also serve to educate residents and visitors to Poquoson's hidden treasures.

Expenditures:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
Trail Master Plan			\$3,000				\$3,000
Signage, Posts, etc.				\$20,000	\$15,000	\$15,000	\$50,000
Interactive Program			\$5,000	\$2,500			\$7,500
Canoe Livery			\$5,000				\$5,000
Total			\$13,000	\$22,500	\$15,000	\$15,000	\$65,500

Funding Sources:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
Grants				\$20,000	\$10,000	\$15,000	\$45,000
Chesapeake Bay Restoration Fund			\$10,000				\$10,000
General Fund			\$3,000	\$2,500	\$5,000		\$10,500
Total			\$13,000	\$22,500	\$15,000	\$15,000	\$65,500

Operational Impact/Other:

It is anticipated that a moderate level of impact will be realized from this project. It is expected that there will be an increased demand for typical maintenance operations (trash removal, sign maintenance, etc.) However, this will be greatly offset by the expected increase in volunteer participation in the operation and upkeep of the blueways.

Operating Budget Impact:

Type	FY12	FY13	FY14	FY15	FY16
Maintenance Costs			\$500	\$750	\$750

Department: Recreation and Events	Project Number and Title: South Lawson Park Upgrades 08-P&R-512
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Contact: Dave Callis

Project Type: Construction

Useful Life: 25+ years

New Positions: N/A

Total Project Cost: \$400,000

Description:

Construction of picnic shelters (2), a restroom facility, a playground, and a sand volleyball court

Justification:

Although South Lawson has been renovated resulting in the creation of new athletic fields, better drainage and patron parking, the upgrades listed above will further enhance the facility for patron enjoyment. The addition of these fields increases the need for more permanent restroom facilities as many more patrons will now use South Lawson. At present utilities are stubbed to the site, making the project more cost-palatable.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Restrooms/Picnic Shelter						\$200,000	\$200,000
Playground/Sand Volleyball Courts						\$200,000	\$200,000
Total						\$400,000	\$400,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
General Fund						\$400,000	\$400,000

Operational Impact/Other:

It is anticipated that some maintenance costs will be realized. Some additional revenue can be anticipated via expanded program offerings, picnic area rentals, and hosting athletic tournaments.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Recreation & Events	Project Number and Title: Messick Point Breakwater 08-P&R-510
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Contact: Dave Callis

Project Type: Construction

Useful Life: 30 years

New Positions: N/A

Total Project Cost: \$360,000

Description:

This project proposes to install a breakwater to provide protection to boats moored at the Messick Point pier during storm events. The breakwater proposed would be of concrete construction and would float (similar to the handicapped floating pier at the Messick Point boat ramps).

Justification:

It is generally acknowledged that during certain storm events boats docked at the Municipal Pier are at risk for damage due to incoming wave action. Installation of a breakwater would help to lessen or prevent the potential damage the storm could cause. This would also allow the pier to be designated as a safe harbor for transient boats. Further, the addition of a breakwater would have a positive effect on slip rentals in that the potential for damage is commonly cited as one of the primary reasons boaters refrain from utilizing the facility.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Planning and Design			\$25,000				\$25,000
Installation				\$335,000			\$335,000
Total			\$25,000	\$335,000			\$360,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
General Fund			\$25,000				\$25,000
Grant				\$335,000			\$335,000
Total			\$25,000	\$335,000			\$360,000

Operational Impact/Other:

It can be anticipated that very little maintenance will be required of the structure unless it receives storm damage.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Recreation & Events	Project Number and Title: Municipal Ballfield Lighting Upgrade 08-P&R-513
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Contact: Dave Callis

Project Type: Athletic Field Light Replacement

Useful Life: 20+ years

New Positions: N/A

Total Project Cost: \$150,000

Description:

This project proposes to replace the light poles, fixtures and underground wiring at the baseball field at Municipal Park. The replacement fixtures, poles, and wiring would be designed to comply with Virginia High School League and National Little League design specifications. The electrical controls and control boxes were replaced following Hurricane Isabel and do not need replacement. Upgraded system will include automated on/off, remote location control, thus preventing unauthorized use and allowing greater security.

Justification:

The lights at Municipal Baseball Field are considered sub-standard by both the Virginia High School League and National Little League. The lights are situated on poles that are considered too short, thus creating the potential for the lights to blind players when the ball is aloft. In addition, the center field pole is situated too close in to the field of play, thus creating a possible hazard to center fielders when fielding a ball. The underground wiring has been tested and shown to be under-sized for the loads it is carrying, elevating the risk of overloads and fires.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Engineering						\$5,000	\$5,000
Installation						\$145,000	\$145,000
Total						\$150,000	\$150,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
General Fund						\$150,000	\$150,000

Operational Impact/Other:

It is anticipated that new, more energy efficient lighting fixtures will result in a operational savings in utility and repair costs compared to present expenditures for this facility.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Recreation & Events	Project Number and Title: Municipal Pool House Renovation 08-P&R-517
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Contact: Dave Callis

Project Type: Athletic Field Light Replacement

Useful Life: 20+ years

New Positions: N/A

Total Project Cost: \$225,000

Description:

This project proposes a complete renovation of the pool house at the Municipal Pool. The new structure will have enclosed changing and shower areas and incorporate into the restrooms, and lockers installed for personal item storage for patrons. The addition of a separate chemical storage room to improve the safety of the storage of chlorine and other pool chemicals will be included. The project also proposes to update the exterior of the building by installing a pitched roof and vinyl siding or split block to give a more modern look and improve the curb appeal of the facility. Design must include appropriate housing for pool filtration and pump system.

Justification:

The present configuration of the pool house no longer meets the needs of users. There are no changing rooms, indoor showers or lockers to store personal equipment. The facility minimally meets ADA design standards. Bathroom ventilation and proper non-skid safety flooring would improve the conditions and safety of the facility. In addition, the flat roof has been problematic with leaks and rotten truss components as well. The roof is currently leaking within the pump room.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Design and Engineering						\$25,000	\$25,000
Construction						\$200,000	\$200,000
Total						\$225,000	\$225,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
General Fund						\$225,000	\$225,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Recreation & Events	Project Number and Title: Western Precinct Park 08-P&R-509
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Contact: Dave Callis

Project Type: Land Acquisition/Park Construction

Useful Life: 25+ years

New Positions: N/A

Total Project Cost: \$1,000,000

Description:

Land acquisition and construction for future park/recreational amenity in the City’s Western Precinct.

Justification:

Currently there are no City park/recreational facilities in the Western Precinct. With the purchase of land in the Western area of the City a development plan featuring possible athletic fields, picnic shelters, a playground and more is possible. Ideally, a 6-8 acre tract would serve as the footprint for this recreational vision for the Western Precinct.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total Cost
Land Acquisition/Construction						\$1,000,000	\$1,000,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total Cost
Debt Issue						\$1,000,000	\$1,000,000

Operational Impact/Other:

Operational impact for land acquisition should be minimal. However with the development of a park amenity on the property, we should anticipate construction and maintenance costs associated with the project. The debt service on the project at 5% interest over 20 years would be approximately \$80,000 per year.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Recreation & Events	Project Number and Title: Municipal Pool Reconstruction 11-R&E-002
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Contact: Dave Callis

Project Type: Construction

Useful Life: 30+ years

New Positions: N/A

Total Project Cost: \$3,800,000

Description:

Reconstruction of the Municipal Pool Facility, including removal of existing pool facility. Included in the new facility: pool, zero depth entry, spray features, slip proof decking, pool house with changing facility and restrooms, refreshment stand, fencing, mushroom/play apparatus, pump infrastructure, plus ADA compliant access at all points. A pool size of 225,000 gallon would be needed to provide adequate footprint for a minimum of 6 racing lanes and required diving depths.

Justification:

Municipal Pool is approximately 30+ years old and has reached its useful life capacity. Recurring maintenance problems, lack of ADA compliant facilities, antiquated pool house, and failing infrastructure make the pool a strong candidate for re-construction. Users are requiring a larger variety of features and family friendly water depths for both swimmers and non-swimmer clientele. The pool house is in need of complete change for safety standards and ADA accessibility for users.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Design and Engineering						\$50,000	\$50,000
Construction						\$3,750,000	\$3,750,000
Total						\$3,800,000	\$3,800,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Debt Issue						\$3,800,000	\$3,800,000

Operational Impact/Other:

It is anticipated that the new pool facility will increase interest in pool use and membership. Additionally, an updated facility would provide the opportunity to host large regional and state competitions. The debt service on this project at 5% interest over 20 years would be approximately \$303,000 per year.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Recreation & Events	Project Number and Title: Recreation Center 11-R&E-003
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Contact: Dave Callis

Project Type: Construction

Useful Life: 30+ years

New Positions: N/A

Total Project Cost: \$17,245,895



Description:

Construction of a new 39,600 square ft. facility which will house two (2) gymnasiums, department offices, locker rooms, meeting rooms, with kitchen and fitness areas. A new pool facility could be included in this project whereby economies of construction could be realized. By combining design for the pool areas with a recreation center restrooms, locker rooms, check in areas, and staffing can be shared.

Justification:

The department currently uses school facilities for programs requiring a gym. Due to the ever-increasing demands on the gyms for school activities, available time for recreation programs continues to shrink, thus limiting program offerings. Currently meeting space for groups and class activities is not sufficient as the Municipal Building continues to age and does not meet ADA standards. A senior meeting area is currently serving as a multi use area for exercise, art classes, and community meetings. All have different demands and need adequate class space.

Expenditures:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
A & E						\$300,000	\$300,000
Construction						\$16,945,895	\$16,945,895
Total						\$17,245,895	\$17,245,895

Funding Sources:

Type	FY12	FY13	FY14	FY15	FY16	Beyond FY16	Total Cost
Debt Issue						\$17,245,895	\$17,245,895

Operational Impact/Other:

The City could partner with a hospital or fitness provider who would provide a major portion of the staffing for the center. The fitness provider would share in the profits and costs of the operation. Operating costs would be recovered through user fees. The debt service on this project at 5% interest over 25 years would be approximately \$1,200,000.

Operating Budget Impact:

Type	FY12	FY13	FY14	FY15	FY16
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Department: Recreation & Events	Project Number and Title: Messick Point Pier & Beach 11-R&E-004
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Contact: Dave Callis

Project Type: Construction: Recreational Amenities

Useful Life: 25+ years

New Positions: 1

Total Project Cost: \$700,000



Description:

This project establishes a public recreational fishing pier and a public beach at Messick Point on the Back Cove area.

Justification:

Currently, the City has no recreational fishing pier or public beach. The construction of both the pier and the beach will further enhance Messick Point as a recreational amenity for Poquoson residents. It is hoped that construction of both projects would be on City-owned property, thus eliminating the need for land acquisition.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Fishing Pier		\$500,000					\$500,000
Beach		\$200,000					\$200,000
Total		\$700,000					\$700,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Grant		\$700,000					\$700,000

Operational Impact/Other:

Ongoing maintenance of both the pier and the beach will be required.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
Personnel		\$40,000	\$40,000	\$40,000	\$40,000

Department: Recreation & Events	Project Number and Title: South Lawson Park Bike Path 12-R&E-001
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Contact: Dave Callis

Project Type: Construction: Recreational Amenities

Useful Life: 30+ years

New Positions: N/A

Total Project Cost: \$195,100



Description:

The phased development and construction of a bike/pedestrian path for South Lawson Park which will 1) accompany the new entrance road and 2) upon its phased completion surround the entirety of South Lawson Park, serving as both a walking and bike path for pedestrian traffic. Phase #1 extends from the new VDOT entrance road to the existing soccer fields. Phase #2 would extend from the terminus of Phase #1 and circle the entirety of the park.

Justification:

Although South Lawson has been renovated resulting in the creation of new athletic fields, a bike and walking path will provide additional recreational opportunities and access for pedestrians and bikers. This will ensure that South Lawson is maximized as a full-access park for enjoyment by all.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Construction			\$59,100	\$136,000			\$195,100
Total			\$59,100	\$136,000			\$195,100

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
General Fund			\$59,100	\$136,000			\$195,100

Operational Impact/Other:

It is anticipated that the South Lawson bike path will require general maintenance in the near term. Although it will need to be repaved periodically operating costs for it should be low and will consist chiefly of general weeding of foliage near it and gravel replenishment near its edge.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Utilities	Project Number and Title: Pump Station Generators 08-SWR-008
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Contact: Robert Speechley

Project Type: Equipment

Useful Life: 20 years

New Positions: N/A

Total Project Cost: \$120,000

Description:

This project proposes to supply automatic permanent emergency backup electrical power to Pump Stations 7 (Little Florida Rd), 8 (830 Poquoson Ave), 10 (Ridge Rd), and 11 (North Odd Rd).

Justification:

During power failures, these stations receive flows from other stations that are connected to emergency generators. When this occurs it can create a sever problem and potentially a sewer overflow. During times of extended failure it is imperative to keep the sewer system operating. Installing all 4 generators as one project would result in an economy of scale savings when purchased and installed as one contract.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Equipment		\$120,000					\$120,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Revenue Bond		\$120,000					\$120,000

Operational Impact/Other:

Debt service on this project, to be paid with additional revenue generated with sewer fees, would equate to \$15,000 per year over a 10 year period.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Utilities	Project Number and Title: Sewer Cleaning Truck 08-SWR-007
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Contact: Robert Speechley

Project Type: Maintenance

Useful Life: 15 years

New Positions: N/A

Total Project Cost: \$90,000

Description:

Purchase an additional sewer cleaning, high press, water jet rodder. This truck will augment the existing sewer cleaning truck that is a combination jet rodder and vacuum truck. The new truck is smaller and a jet cleaner only.

Justification:

The existing sewer cleaner is a very large truck that has limited access to homes located on many of Poquoson's smaller streets. This truck will also help lessen the mechanical burden of the larger truck. The need for two methods of cleaning pipes has always been met with a second truck. The existing second truck and cleaner is over 25 years old and is in need of a motor overhaul for the truck and cleaning unit.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Equipment	\$90,000						\$90,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Revenue Bond	\$90,000						\$90,000

Operational Impact/Other:

Debt service on this project, to be paid with additional revenue generated with sewer fees, would equate to \$12,500 per year over a 10 year period.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Utilities	Project Number and Title: Replacement of Power Supplies 11-SWR-001
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Contact: Robert Speechley

Project Type: Equipment

Useful Life: 20 years

New Positions: N/A

Total Project Cost: \$100,000

Description:

Replacement of the electrical supply pedestals and the alarm system for the North Lawson grinder pump stations. The current system has three main power connections to Dominion Virginia Power. This project will make each of the grinder pump stations independent. Each pump system will have its own electric meter. The three large panels then can be removed.

Justification:

The current system necessitates the connecting circuits to run along the roadway. This is not only a possible safety hazard but also a maintenance nightmare. When the system was originally installed the three main panels were installed at a height above flood levels and they were immediately determined to be an eye sore. Removing the panels has been a topic presented to the City many times by the homeowners.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Equipment	\$100,000						\$100,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Revenue Bonds	\$100,000						\$100,000

Operational Impact/Other:

Debt service on this project, to be paid with additional revenue generated with sewer fees, would equate to \$8,000 per year over a 20 year period.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Utilities	Project Number and Title: Sanitary Sewer Evaluation Study 11-SWR-002
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Contact: Robert Speechley

Project Type: Utilities

Useful Life: 15 years

New Positions: N/A

Total Project Cost: \$889,200

Description:

The implementation of the evaluation of the sewer system as called for by the “Sanitary Sewer Evaluation Study” SSES.

Justification:

To comply with the Special Order by Consent for Sanitary Sewer Overflows as ordered by the Department of Environmental Quality.

Expenditures:

<u>Type</u>	Prior Year						Beyond	Total
	<u>Funding</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY16</u>	<u>Cost</u>
Construction	\$700,000	\$199,200						\$899,200

Funding Sources:

<u>Type</u>	Prior Year						Beyond	Total
	<u>Funding</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY16</u>	<u>Cost</u>
Sewer Fund	\$700,000	\$199,200						\$899,200

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
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Department: Utilities	Project Number and Title: Sanitary Sewer Consent Repairs 12-SWR-001
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Contact: Robert Speechley

Project Type: Utilities

Useful Life: 50 years

New Positions: N/A

Total Project Cost: \$2,526,000

Description:

The implementation of the sewer system upgrades and repairs as called for by the “Sanitary Sewer Evaluation Study” SSES.

Justification:

To comply with the Special Order by Consent for Sanitary Sewer Overflows as ordered by the Department of Environmental Quality.

Expenditures:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Construction		\$470,000	\$514,000	\$514,000	\$514,000	\$514,000	\$2,526,000

Funding Sources:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	Beyond <u>FY16</u>	Total <u>Cost</u>
Revenue Bond		\$2,526,000					\$2,526,000

Operational Impact/Other:

Debt service on this project, to be paid with additional revenue generated with sewer fees, would equate to \$200,000 per year over a 20 year period.

Operating Budget Impact:

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>
Debt Service		\$200,000	\$200,000	\$200,000	\$200,000

Appendix

As part of the planning process, the fleet manager established recommended guidelines for vehicles and equipment. These recommended guidelines are shown below:

<u>DESCRIPTION</u>	<u>EXPECTED LIFE IN YEARS</u>	<u>EXPECTED LIFE IN MILES</u>
Automobiles	10	100,000
Police Vehicles	8	125,000
Light Duty Trucks	12	100,000
Medium Duty Trucks (Diesel)	14	120,000
Medium Duty Trucks (Gasoline)	12	100,000
Heavy Duty Trucks	15	125,000
Light Duty Equipment	As Needed	N/A
Medium Duty Equipment	12	N/A
Heavy Duty Equipment	16	N/A
Trailers	25	N/A
Fire Fighting Vehicles	25	N/A
Ambulances	10	75,000
School Buses	12	150,000

Each department submitted projects which met the definition of a capital outlay item.

Included in this appendix is a brief description of the item by department and the requested amount and year for funding the capital outlay item.

Fleet Maintenance

Steam Cleaner/Pressure Washer combination steam cleaner/pressure washer: 3 phase/230 volt, 8 horse power. The current pressure washer is over 20 years old and was rebuilt about 11 years ago. It is presently in need of repair. The heater side of the washer is not working and needs to be replaced. The washer is used by the Public Works Department as well.

Tire Changer: Air operated tire changer for automobiles and light to medium truck tires. It is equipped with self centering, clamps, up-front controls, and foot-operated bead loosening

system. The current tire changer is over 15 years old and the movable parts on the machine is becoming severely worn.

Heavy Duty Tire Changer: This piece of equipment is able to demount and mount up to 26” rims and 65.4 tire diameter. The current tire changer was purchased used about 15 years ago. This changer is used to replace large vehicle and equipment tires (including school buses).

Heavy Duty Wheel Balancer: This piece of equipment is for truck, bus, and automobile tires. The current wheel balancer is about 14 years old and the accuracy is becoming suspect. Replacement parts are virtually unavailable for this unit.

<u>Description</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Steam Cleaner/Pressure Washer	\$5,494						\$5,494
Tire Changer		\$14,310					\$14,310
Heavy Duty Tire Changer		\$12,769					\$12,769
Heavy Duty Wheel Balancer		\$9,295					\$9,295
Total Fleet Maintenance	\$5,494	\$36,374					\$41,868

Utilities

Utilities Truck: Replacement of existing 1994 Utilities Truck which currently has 198,000 miles. This vehicle has outlived its useful life by fourteen years.

<u>Description</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Utilities Truck	\$32,000						\$32,000

Solid Waste

Solid Waste Truck: Replacement of existing 1996 ¾ Ton Regular Cab Pickup. This is a 1996 pickup. It should be replaced in accordance with the current criteria for vehicle replacement.

<u>Description</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Solid Waste Truck	\$28,000						\$28,000

Police

Police Patrol Vehicles: Replacement schedule for the marked, police patrol cars. Replacement costs include vehicle from factory, installation of all emergency lighting, sirens and protective cages, radio installation, and decals. Currently, the police department's fleet of vehicles includes 7 vehicles that have between 110,000 and 150,000 miles on their odometers. It is recommended that the City purchase two new patrol cars per year for at least the next five years.

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Police Patrol Vehicles	\$31,000		\$62,000	\$31,000	\$31,000	\$155,000	\$310,000

Miscellaneous

Exchange Server: Purchase of mail server software and the associated hardware. This would allow administration of the email to be completed in house.

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Exchange Server						\$12,000	\$12,000

Schools

Replace PPS Gym Floor: Replacement of existing gym floor surface. The current surface is a twenty-one year old carpet. The gym continues to experience moisture control problems which have created odor and permanent stain issues for the carpet.

Resurface PHS Tennis Courts: Resurface tennis courts. The problem is due to the proximity of the tennis courts to the wetlands and associated underground water issues which cause expansion and contraction when freezing and thawing occurs.

<u>Description</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
PPS Gym Floor Replacement						\$35,000	\$35,000
PHS Tennis Court Resurfacing						\$30,000	\$30,000
Total Schools						\$65,000	\$65,000

Facilities

City Hall Building Automation System: Replacement of current KMC energy control system at City Hall.

Municipal Building AC: Replacement of VACs system for the Municipal Building: There would be two new four ton units for downstairs, excluding the multipurpose room.

LAN Room AC: Replacement of AC unit in LAN Room located in City Hall. The LAN Room houses 4 servers, which run 24 hours a day. The room is small and lacks circulation which can possibly lead to overheating systems.

City Hall Roof: Replacement of shingled roof at City Hall.

Police Department Roof: Replacement of shingled roof at Police Department Building.

<u>Description</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Building Automation System						\$5,000	\$5,000
Municipal Building AC						\$35,500	\$35,500
LAN Room AC						\$9,500	\$9,500
City Hall Roof						\$36,000	\$36,000
Police Department Roof						\$7,500	\$7,500
Total Facilities						\$93,000	\$93,000

Public Works

Farm Tractor: Replacement existing Kubota Farm Tractor with Bush Hog. This is a tractor that is used to cut the larger tracts of land to include a lot of park areas such as Messick Point. It needs to be replaced on a schedule to help reduce breakdowns and maintenance cost.

½ Ton Truck: Replacement of existing 1993 Minivan with ½ ton Truck. This vehicles is a 1993 van with over 100,000 miles and it is past due for replacement.

¾ Ton Truck: Replacement of existing 1990 ¾ ton Crew Cab with Dump Bed. This vehicle is used in the everyday maintenance of our infrastructure. This truck is a 1990 and is cost prohibitive to maintain. It is currently past due for replacement.

1 Ton Truck: Replacement of existing 1994 1 ton Utility Bed Truck with in bed crane. This is a 1994 truck used mainly for sign maintenance. This vehicle has over 150,000 miles and has past our vehicle replacement standards on mileage and years.

Parks Maintenance ¾ Ton Truck: Replacement of existing 2001 GMC ¾ ton truck. This vehicle is used in the everyday maintenance of our parks and ball fields.

Parks Maintenance Bleacher Replacement: Replacement of existing two sets of wooden bleachers with aluminum maintenance free bleachers for the next three years. We now use very old steel framed wooded bleachers at various ball fields and parks. They need maintenance constantly and have become a safety issue.

Mosquito and Drainage Mini Excavator: Replacement of existing Yanmar Mini Excavator. The mini excavator is used to dig outfall ditches that are critical to maintain drainage throughout the City.

Mosquito and Drainage ¾ Ton Truck: Replacement of existing 1997 ¾ Ton Truck (regular). This truck has over 100,000 miles and is cost prohibitive to maintain.

Mosquito and Drainage Hook Lift Truck: Replacement of existing 1989 Hook Lift Truck. This is a 1989 vehicle that has outlived its useful life. Parts are difficult to find.

Mosquito and Drainage Mosquito Sprayer: Replacement of existing Mosquito Sprayer. The current sprayer is over twelve years old and the technology is obsolete. It breaks down often and needs new parts on a regular basis.

Mosquito and Drainage Gator: Replacement of two existing 1991 John Deere Gators. This equipment is used for hauling material out of soft or low lying areas. The costs of maintaining the gators is becoming increasingly cost prohibitive.

<u>Type</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>Beyond FY16</u>	<u>Total Cost</u>
Farm Tractor						\$22,000	\$22,000
½ Ton Truck						\$28,000	\$28,000
¾ Ton Truck						\$30,000	\$30,000
1 Ton Truck						\$39,000	\$39,000
Parks Maintenance ¾ Ton Truck						\$30,000	\$30,000
Parks Maintenance Bleachers						\$22,800	\$22,800
Mosq & Drainage Mini Excavator						\$35,000	\$35,000
Mosq & Drainage ¾ Ton Truck						\$28,000	\$28,000
Mosq & Drainage Hook Lift Truck						\$32,000	\$32,000
Mosq & Drainage Mosquito Sprayer						\$9,900	\$9,900
Mosq & Drainage Gators						\$28,000	\$28,000
Total Public Works						\$304,700	\$304,700