

City of Poquoson Virginia



Adopted Capital Improvements Plan FY 2011—Beyond FY 2015

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. These items include such things as furniture, equipment and vehicles and are normally shown in the City's operating budget. Generally a capital outlay item may be defined as an item valued in excess of \$500 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 and all discussion have been satisfied, 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 source. Revenues the City utilizes come from several sources such as federal and state governments, general obligation 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.

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 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 or 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 fund capital projects as deemed appropriate by Council.

The CIP represents the mutual effort of City departments 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.

Capital Improvements Plan Fiscal Year 2011 Through Beyond Fiscal Year 2015

Project Title	Funding Source	Project #	Prior Year Funding	FY11	FY12	FY13	FY14	FY15	Beyond FY15	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			\$145,000					\$145,000
Middle School Renovation	D	10-SCH-110			\$1,071,000	\$11,015,000				\$12,086,000
Conversion of all T12 Fluorescents to T8	GF	10-SCH-111			\$50,000					\$50,000
Primary School Parking Lot	GF	11-SCH-001						\$66,000		\$66,000
Primary School Roof Replacement	D	11-SCH-002						\$350,000		\$350,000
Middle School Locker Room Renovation	D	11-SCH-003			\$210,600					\$210,600
Middle School Gym Roof	D	11-SCH-004				\$110,000				\$110,000
High School Locker Room Renovation	GF	11-SCH-005					\$66,000			\$66,000
High School HVAC	GF	11-SCH-006						\$75,000		\$75,000
High School Pavement	GF	11-SCH-007						\$80,000		\$80,000
District-wide Electronic Door Access	GF	11-SCH-008					\$52,000			\$52,000
Bus Replacement	D	11-SCH-009		\$130,000	\$153,000	\$65,000	\$65,000	\$153,000		\$566,000
TOTAL SCHOOL PROJECTS				\$130,000	\$1,629,600	\$11,190,000	\$483,000	\$3,224,000	\$0	\$16,656,600
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				\$0	\$350,000	\$150,000	\$150,000	\$0	\$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		\$16,159,000
Neighborhood Drainage Projects	SF	08-T&D-204		\$194,000	\$350,000	\$396,000	\$40,000			\$980,000
ROW & Sidewalk Acquisition	G,D	08-T&D-210		\$500,000						\$500,000
TOTAL TRANSPORTATION & DRAINAGE PROJECTS				\$894,000	\$750,000	\$2,041,850	\$1,498,288	\$8,295,862	\$0	\$17,639,000
PUBLIC WORKS										
Equipment Replacement	D	08-PW-401			\$265,000	\$190,000				\$455,000
Public Works Building	D	08-PW-407		\$600,000						\$600,000
TOTAL PUBLIC WORKS				\$600,000	\$265,000	\$190,000	\$0	\$0	\$0	\$1,055,000
RECREATION & EVENTS PROJECTS										
Blue Way System	G	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 Ballfield Lighting Upgrade	GF	08-P&R-513					\$5,000	\$75,000		\$80,000
Municipal Pool House Renovation	GF	08-P&R-517			\$25,000	\$175,000				\$200,000
Western Precinct Park	D	08-P&R-509					\$1,000,000			\$1,000,000
Kid's Island Refurbishment	GF	11-R&E-001			\$5,000	\$200,000				\$205,000
Municipal Pool Reconstruction	D	11-R&E-002							\$3,500,000	\$3,500,000
Recreation Center	D	11-R&E-003							\$16,063,624	\$16,063,624
Messick Point Pier & Beach	G	11-R&E-004		\$700,000						\$700,000
TOTAL RECREATION & EVENTS PROJECTS				\$700,000	\$43,000	\$422,500	\$1,555,000	\$290,000	\$19,563,624	\$22,574,124
UTILITIES PROJECTS										
Pump Station Generators	GF	08-SWR-008				\$120,000				\$120,000
Sewer Cleaning Truck	GF	08-SWR-007			\$90,000					\$90,000
Utilities Building	GF	08-SWR-009							\$54,000	\$54,000
Replacement of Power Supplies	GF	11-SWR-001			\$100,000					\$100,000
Sanitary Sewer Evaluation Study	SW	11-SWR-002	\$200,000	\$500,000	\$200,000					\$900,000
TOTAL UTILITIES PROJECTS				\$500,000	\$390,000	\$120,000	\$0	\$0	\$54,000	\$1,264,000
Totals				\$2,824,000	\$3,427,600	\$14,114,350	\$3,686,288	\$11,809,862	\$22,117,624	\$62,338,724

Funding Source Key	
D- Debt Issue	G- Grant
DN- Donation	SF- State Funding
GF- General Fund	SW- Sewer Fund

Capital Improvement Funding Sources Fiscal Year 2011 Through Beyond Fiscal Year 2015

Funding Source	FY11	FY12	FY13	FY14	FY15	Total Cost
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SCHOOL PROJECTS

Debt Service	\$130,000	\$1,434,600	\$11,190,000	\$65,000	\$3,003,000	\$15,822,600
General Fund	\$0	\$195,000	\$0	\$418,000	\$221,000	\$834,000
TOTAL SCHOOL PROJECTS	\$130,000	\$1,629,600	\$11,190,000	\$483,000	\$3,224,000	\$16,656,600

PUBLIC SAFETY PROJECTS

Debt Service	\$0	\$350,000	\$0	\$0	\$0	\$350,000
General Fund	\$0	\$0	\$50,000	\$50,000	\$0	\$100,000
Grant Funding	\$0	\$0	\$50,000	\$50,000	\$0	\$100,000
Donations	\$0	\$0	\$50,000	\$50,000	\$0	\$100,000
TOTAL PUBLIC SAFETY PROJECTS	\$0	\$350,000	\$150,000	\$150,000	\$0	\$650,000

TRANSPORTATION & DRAINAGE PROJECTS

Grant Funding	\$450,000	\$0	\$0	\$0	\$0	\$450,000
State Funding	\$394,000	\$750,000	\$2,041,850	\$1,498,288	\$8,295,862	\$12,980,000
Debt Service	\$50,000	\$0	\$0	\$0	\$0	\$50,000
TOTAL TRANSPORTATION & DRAINAGE PROJECTS	\$894,000	\$750,000	\$2,041,850	\$1,498,288	\$8,295,862	\$13,480,000

PUBLIC WORKS

Debt Service	\$600,000	\$265,000	\$190,000	\$0	\$0	\$1,055,000
TOTAL PUBLIC WORKS	\$600,000	\$265,000	\$190,000	\$0	\$0	\$1,055,000

RECREATION & EVENTS PROJECTS

Debt Service	\$0	\$0	\$0	\$1,000,000	\$0	\$1,000,000
General Fund	\$0	\$30,000	\$400,000	\$205,000	\$275,000	\$910,000
Grant Funding	\$700,000	\$13,000	\$22,500	\$350,000	\$15,000	\$1,100,500
TOTAL RECREATION & EVENTS PROJECTS	\$700,000	\$43,000	\$422,500	\$1,555,000	\$290,000	\$3,010,500

UTILITIES PROJECTS

Debt Service	\$0	\$0	\$0	\$0	\$0	\$0
General Fund	\$0	\$190,000	\$120,000	\$0	\$0	\$310,000
Sewer Fund	\$500,000	\$200,000	\$0	\$0	\$0	\$700,000
TOTAL UTILITIES PROJECTS	\$500,000	\$390,000	\$120,000	\$0	\$0	\$1,010,000

ALL PROJECTS

Debt Service	\$780,000	\$2,049,600	\$11,380,000	\$1,065,000	\$3,003,000	\$18,277,600
General Fund	\$0	\$415,000	\$570,000	\$673,000	\$496,000	\$2,154,000
Grant Funds	\$1,150,000	\$13,000	\$72,500	\$400,000	\$15,000	\$1,650,500
Donations	\$0	\$0	\$50,000	\$50,000	\$0	\$100,000
State Funding	\$394,000	\$750,000	\$2,041,850	\$1,498,288	\$8,295,862	\$12,980,000
Sewer Fund	\$500,000	\$200,000	\$0	\$0	\$0	\$700,000
TOTAL ALL PROJECTS	\$2,824,000	\$3,427,600	\$14,114,350	\$3,686,288	\$11,809,862	\$35,862,100

Operational Impact of Funding Source

General Fund Transfer	\$0	\$415,000	\$570,000	\$673,000	\$496,000	\$2,154,000
Debt Service Payment	\$11,100	\$85,630	\$1,168,180	\$1,269,710	\$1,442,398	\$3,977,018
Total	\$11,100	\$500,630	\$1,738,180	\$1,942,710	\$1,938,398	\$6,131,018

Tax Rate Equivalent	0.00	0.03	0.10	0.11	0.11
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Capital Improvements Plan as Requested by Departments

Project Title	Funding Source	Project #	Prior Year Funding	FY11	FY12	FY13	FY14	FY15	Beyond FY15	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		\$145,000						\$145,000
Middle School HVAC Replacement	D	10-SCH-109		\$200,000						\$200,000
Middle School Renovation	D	10-SCH-110			\$1,071,000	\$11,015,000				\$12,086,000
Conversion of all T12 Fluorescents to T8	GF	10-SCH-111		\$50,000						\$50,000
Primary School Parking Lot	GF	11-SCH-001						\$66,000		\$66,000
Primary School Roof Replacement	D	11-SCH-002						\$350,000		\$350,000
Middle School Locker Room Renovation	D	11-SCH-003			\$210,600					\$210,600
Middle School Gym Roof	D	11-SCH-004				\$110,000				\$110,000
High School Locker Room Renovation	GF	11-SCH-005					\$66,000			\$66,000
High School HVAC	GF	11-SCH-006						\$75,000		\$75,000
High School Pavement	GF	11-SCH-007						\$80,000		\$80,000
District-wide Electronic Door Access	GF	11-SCH-008					\$52,000			\$52,000
Bus Replacement	D	11-SCH-009		\$130,000	\$153,000	\$65,000	\$65,000	\$153,000		\$566,000
TOTAL SCHOOL PROJECTS				\$525,000	\$1,434,600	\$11,190,000	\$483,000	\$3,224,000	\$0	\$16,856,600
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	\$0	\$150,000	\$0	\$2,500,000	\$3,150,000
TRANSPORTATION & DRAINAGE PROJECTS										
Wythe Creek Road South	SF	08-T&D-202	\$5,035,000				\$3,465,000			\$8,500,000
Neighborhood Drainage Projects	SF	08-T&D-204		\$194,000	\$350,000	\$396,000	\$40,000			\$980,000
ROW & Sidewalk Acquisition	G	08-T&D-210		\$190,000	\$100,000	\$100,000				\$390,000
TOTAL TRANSPORTATION & DRAINAGE PROJECTS				\$384,000	\$450,000	\$496,000	\$3,505,000	\$0	\$0	\$9,870,000
PUBLIC WORKS										
Equipment Replacement	D	08-PW-401		\$265,000	\$190,000					\$455,000
Public Works Building	D	08-PW-407		\$600,000						\$600,000
TOTAL PUBLIC WORKS				\$865,000	\$190,000	\$0	\$0	\$0	\$0	\$1,055,000
RECREATION & EVENTS PROJECTS										
Blue Way System	G	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 Ballfield Lighting Upgrade	GF	08-P&R-513					\$5,000	\$75,000		\$80,000
Municipal Pool House Renovation	GF	08-P&R-517		\$25,000	\$175,000					\$200,000
Western Precinct Park	D	08-P&R-509					\$1,000,000			\$1,000,000
Kid's Island Refurbishment	GF	11-R&E-001			\$5,000	\$200,000				\$205,000
Municipal Pool Reconstruction	D	11-R&E-002					\$50,000	\$3,450,000		\$3,500,000
Recreation Center	D	11-R&E-003						\$300,000	\$15,736,024	\$16,036,024
Messick Point Pier & Beach	G	11-R&E-004		\$700,000						\$700,000
TOTAL RECREATION & EVENTS PROJECTS				\$738,000	\$402,500	\$440,000	\$1,405,000	\$3,825,000	\$15,736,024	\$22,546,524
UTILITIES PROJECTS										
Pump Station #2 Rehab	D	08-SWR-005		\$550,000						\$550,000
Pump Station Generators	GF	08-SWR-008		\$120,000						\$120,000
Sewer Cleaning Truck	GF	08-SWR-007		\$90,000						\$90,000
Utilities Building	GF	08-SWR-009		\$54,000						\$54,000
Replacement of Power Supplies	GF	11-SWR-001		\$100,000						\$100,000
Sanitary Sewer Evaluation Study	SW	11-SWR-002	\$200,000	\$500,000	\$200,000					\$900,000
TOTAL UTILITIES PROJECTS				\$1,414,000	\$200,000	\$0	\$0	\$0	\$0	\$1,814,000
Totals				\$4,276,000	\$2,827,100	\$12,126,000	\$5,543,000	\$7,049,000	\$18,236,024	\$55,292,124

Funding Source Key

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

Capital Improvement Funding Sources as requested by Departments

Funding Source	FY11	FY12	FY13	FY14	FY15	Total Cost
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SCHOOL PROJECTS

Debt Service	\$330,000	\$1,434,600	\$11,190,000	\$65,000	\$3,003,000	\$16,022,600
General Fund	\$195,000	\$0	\$0	\$418,000	\$221,000	\$834,000
TOTAL SCHOOL PROJECTS	\$525,000	\$1,434,600	\$11,190,000	\$483,000	\$3,224,000	\$16,856,600

PUBLIC SAFETY PROJECTS

Debt Service	\$350,000	\$0	\$0	\$0	\$0	\$350,000
General Fund	\$0	\$50,000	\$0	\$50,000	\$0	\$100,000
Grant Funding	\$0	\$50,000	\$0	\$50,000	\$0	\$100,000
Donations	\$0	\$50,000	\$0	\$50,000	\$0	\$100,000
TOTAL PUBLIC SAFETY PROJECTS	\$350,000	\$150,000	\$0	\$150,000	\$0	\$650,000

TRANSPORTATION & DRAINAGE PROJECTS

Grant Funding	\$190,000	\$100,000	\$100,000	\$0	\$0	\$390,000
State Funding	\$194,000	\$350,000	\$396,000	\$3,505,000	\$0	\$4,445,000
TOTAL TRANSPORTATION & DRAINAGE PROJECTS	\$384,000	\$450,000	\$496,000	\$3,505,000	\$0	\$4,835,000

PUBLIC WORKS

Debt Service	\$865,000	\$190,000	\$0	\$0	\$0	\$1,055,000
TOTAL PUBLIC WORKS	\$865,000	\$190,000	\$0	\$0	\$0	\$1,055,000

RECREATION & EVENTS PROJECTS

Debt Service	\$0	\$0	\$0	\$1,050,000	\$3,750,000	\$4,800,000
General Fund	\$25,000	\$380,000	\$425,000	\$5,000	\$75,000	\$910,000
Grant Funding	\$713,000	\$22,500	\$15,000	\$350,000	\$0	\$1,100,500
TOTAL RECREATION & EVENTS PROJECTS	\$738,000	\$402,500	\$440,000	\$1,405,000	\$3,825,000	\$6,810,500

UTILITIES PROJECTS

Debt Service	\$550,000	\$0	\$0	\$0	\$0	\$550,000
General Fund	\$364,000	\$0	\$0	\$0	\$0	\$364,000
Sewer Fund	\$500,000	\$200,000	\$0	\$0	\$0	\$700,000
TOTAL UTILITIES PROJECTS	\$1,414,000	\$200,000	\$0	\$0	\$0	\$1,614,000

ALL PROJECTS

Debt Service	\$2,095,000	\$1,624,600	\$11,190,000	\$1,115,000	\$6,753,000	\$22,777,600
General Fund	\$584,000	\$430,000	\$425,000	\$473,000	\$296,000	\$2,208,000
Grant Funds	\$903,000	\$172,500	\$115,000	\$400,000	\$0	\$1,590,500
Donations	\$0	\$50,000	\$0	\$50,000	\$0	\$100,000
State Funding	\$194,000	\$350,000	\$396,000	\$3,505,000	\$0	\$4,445,000
Sewer Fund	\$500,000	\$200,000	\$0	\$0	\$0	\$700,000
TOTAL ALL PROJECTS	\$4,276,000	\$2,827,100	\$12,126,000	\$5,543,000	\$7,049,000	\$31,821,100

Operational Impact of Funding Source

General Fund Transfer	\$584,000	\$430,000	\$425,000	\$473,000	\$296,000	\$2,208,000
Debt Service Payment	\$91,600	\$240,130	\$1,267,680	\$1,463,210	\$2,481,898	\$5,544,518
Total	\$675,600	\$670,130	\$1,692,680	\$1,936,210	\$2,777,898	\$7,752,518

Tax Rate Equivalent	0.04	0.04	0.10	0.11	0.16
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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.

Justification:

The forum renovation would allow the high school band and choral programs to be conducted at PHS and would allow for a variety of school and community programs that cannot be scheduled currently due to the size of the facility.

Expenditures:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Construction Maintenance					\$2,500,000		\$2,500,000

Funding Sources:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Debt Issue					\$2,500,000		\$2,500,000

Operational Impact/Other:

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. The larger venue will also be suitable for large group meetings held by the City of Poquoson and other community organizations. The new forum, for example, could be used as an inclement weather site for Seafood Festival concerts. Note: Middle School renovation’s impact on this project. The debt service on this project at 5% interest over 20 years equates to annual payments of \$199,000.

Operating Budget Impact:

Type	FY11	FY12	FY13	FY14	FY15
Debt Service					\$100,000

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.

Expenditures:

	<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
Other					\$300,000			\$300,000

Funding Sources:

	<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
General Fund					\$300,000			\$300,000

Operational Impact/Other:

The new track will be open for the community to use for recreational purposes.

Operating Budget Impact:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</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: \$145,000

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:

Type	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
Equipment		\$145,000					\$145,000

Funding Sources:

Type	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
General Fund		\$145,000					\$145,000

Operational Impact/Other:

Operating Budget Impact:

Type	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</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: \$12,086,000

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.

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. The building needs to be more energy efficient, and ADA compliant.

Expenditures:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Planning/Design		\$771,000					\$771,000
Construction/Maintenance			\$11,015,000				\$11,015,000
Other		\$300,000					\$300,000
Total		\$1,071,000	\$11,015,000				\$12,086,000

Funding Sources:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Debt Issue		\$12,086,000					\$12,086,000

Operational Impact/Other:

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. The debt service on this project at 5% interest over 20 years would be approximately \$987,000 per year.

Operating Budget Impact:

Type	FY11	FY12	FY13	FY14	FY15
Debt Service			\$987,000	\$987,000	\$987,000

Department: Schools	Project Number and Title: Conversion of all T12 Fluorescents to T8 10-SCH-111
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Contact: Jennifer Parrish

Project Type: Improvement

Useful Life: 15+ years

New Positions: N/A

Total Project Cost: \$50,000

Description:

Conversion of all T12 fluorescent ballasts to T8. T12 ballasts and bulbs will not be available after July 1, 2010.

Justification:

In September 2000, the U.S. Department of Energy published the Fluorescent Lamp Ballast Energy Conservation Standards, which established new minimum ballast efficiency factor standards that went into effect in 2005. Ballasts that did not pass the standards would be phased out of production and sale in the United States.

Expenditures:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>Beyond FY15</u>	<u>Total Cost</u>
Equipment		\$50,000					\$50,000

Funding Sources:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>Beyond FY15</u>	<u>Total Cost</u>
General Fund		\$50,000					\$50,000

Operational Impact/Other:

Converting to electronic ballasts will allow up to a 35% cost reduction to operate the same fixtures. Note: Middle School renovation project impacts T-8 conversion at the Middle School. Stockpiling Primary School ballast and bulbs for temporary use at the Middle School has reduced the cost of this project.

Operating Budget Impact:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>
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Department: Schools	Project Number and Title: Primary School Parking Lot 11-SCH-001
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Contact: Jennifer Parish

Project Type: Improvement

Useful Life: 15+ years

New Positions: N/A

Total Project Cost: \$66,000

Description:

Maintenance and repairs to areas of the Primary School parking lot.

Justification:

Significant alligating and pot holes are occurring throughout this lot.

Expenditures:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
Construction					\$66,000		\$66,000

Funding Sources:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
General Fund					\$66,000		\$66,000

Operational Impact/Other:

Repairs are necessary to minimize injuries and damage to pedestrians and vehicles

Operating Budget Impact:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>
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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.

Expenditures:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Construction					\$350,000		\$350,000

Funding Sources:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Debt Issue					\$350,000		\$350,000

Operational Impact/Other:

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. The debt service on this project at 5% interest over 20 years would be approximately \$28,000 year.

Operating Budget Impact:

Type	FY11	FY12	FY13	FY14	FY15
Debt Service					\$14,000

Department: Schools	Project Number and Title: Middle School Locker Room Renovation 11-SCH-003
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Contact: Jennifer Parish

Project Type: Improvement

Useful Life: 20 years

New Positions: N/A

Total Project Cost: \$210,600

Description:

Complete renovation of the boys and girls athletic locker/shower rooms, as well as associated public restrooms and building rear entrance.

Justification:

The locker room and public restrooms added to the north side of the gym are in disrepair and require demolition and reconstruction. If a complete Middle School renovation is to be done this expense is not necessary. The current facilities are not suitable nor do they meet the needs of the High School athletic teams, students, parents, and visitors

Expenditures:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Construction		\$210,600					\$210,600

Funding Sources:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Debt Issue		\$210,600					\$210,600

Operational Impact/Other:

Making the repairs will enhance the facilities for Middle School & High School students, Parks & Rec., as well as all visiting teams and adults. The debt service on this project at 5% interest over 20 years would be approximately \$17,000 per year.

Operating Budget Impact:

Type	FY11	FY12	FY13	FY14	FY15
Debt Service		\$8,400	\$17,000	\$17,000	\$17,000

Department: Schools	Project Number and Title: Middle School Gym Roof 11-SCH-004
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Contact: Jennifer Parish

Project Type: Improvement

Useful Life: 30 years

New Positions: N/A

Total Project Cost: \$110,000

Description:

Replacement of the Middle School gym roof. If a complete Middle School Renovation is to be done this expense is not necessary.

Justification:

The Middle School gym roof is over 20 years old and is a polyfoam composite placed over the original leaking roof.

Expenditures:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Construction			\$110,000				\$110,000

Funding Sources:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Debt Issue			\$110,000				\$110,000

Operational Impact/Other:

Replacing the existing two roofs with a metal roof would provide in excess of over 30 years utilization. The debt service on this project at 5% interest over 20 years would be approximately \$8,800 per year.

Operating Budget Impact:

Type	FY11	FY12	FY13	FY14	FY15
Debt Service			\$4,400	\$8,800	\$8,800

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.

Expenditures:

Type	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total Cost
Construction				\$66,000			\$66,000

Funding Sources:

Type	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total Cost
General Fund				\$66,000			\$66,000

Operational Impact/Other:

Renovating the High School locker rooms will allow students and athletes access to improved and functioning facilities.

Operating Budget Impact:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</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 VAV (Variable Air Volume) 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

Expenditures:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
Construction					\$75,000		\$75,000

Funding Sources:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
General Fund					\$75,000		\$75,000

Operational Impact/Other:

Refurbishment and/or replacement is needed to maintain reliable comfort in 80 classrooms and public spaces.

Operating Budget Impact:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>
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Department: Schools	Project Number and Title: High School Pavement 11-SCH-007
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Contact: Jennifer Parish

Project Type: Improvement

Useful Life: 15 years

New Positions: N/A

Total Project Cost: \$80,000

Description:

Maintenance and repairs to areas of the High School parking lot.

Justification:

Significant alligating and pot holes are occurring throughout the High School parking lots.

Expenditures:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
Construction					\$80,000		\$80,000

Funding Sources:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
General Fund					\$80,000		\$80,000

Operational Impact/Other:

Repairs are necessary to minimize injuries and damage to pedestrians and vehicles.

Operating Budget Impact:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</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: \$52,000

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.

Expenditures:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Equipment				\$52,000			\$52,000

Funding Sources:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
General Fund				\$52,000			\$52,000

Operational Impact/Other:

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.

Operating Budget Impact:

Type	FY11	FY12	FY13	FY14	FY15
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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: \$566,000

Description:

The current fleet is aged beyond that recommended by the STATE. Our current fleet has 10 buses with a minimum of 19 years, 6 in excess of 13 years and only 8 buses below the 12 year recommended age.

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 19 buses on a daily basis, 11 of which are either older than 12 years or have excessive mileage.

Expenditures:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>Beyond FY15</u>	<u>Total Cost</u>
Vehicle	\$130,000	\$153,000	\$65,000	\$65,000	\$153,000		\$566,000

Funding Sources:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>Beyond FY15</u>	<u>Total Cost</u>
Debt Issue	\$130,000	\$153,000	\$65,000	\$65,000	\$153,000		\$566,000

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. The debt service on this project at 5% interest over seven years would range from approximately \$11,000 per year to \$83,600 per year.

Operating Budget Impact:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>
<u>Debt Service</u>	\$11,100	\$43,230	\$53,780	\$64,910	\$83,600

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	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Vehicle			\$350,000				\$350,000

Funding Sources:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Debt Issue			\$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. The debt service on this project at 5% interest over 10 years equates to annual payments of \$45,000.

Operating Budget Impact:

Type	FY11	FY12	FY13	FY14	FY15
Debt Service			\$23,000	\$45,000	\$45,000

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 89,796 miles. We will replace this unit with a similar unit with an approximate cost of \$150,000.

Expenditures:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
Vehicle				\$150,000			\$150,000

Funding Sources:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
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:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>
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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 102,187 miles. We will replace this unit with a similar unit with an approximate cost of \$150,000.

Expenditures:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Equipment			\$150,000				\$150,000

Funding Sources:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	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	FY11	FY12	FY13	FY14	FY15
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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>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
Construction						\$2,500,000	\$2,500,000

Funding Sources:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</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>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</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>	<u>Prior Year</u>						<u>Beyond</u>	<u>Total</u>
	<u>Funding</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY15</u>	<u>Cost</u>
Construction	\$4,159,000	\$200,000	\$400,000	\$1,645,850	\$1,458,288	\$8,925,862		\$16,159,000

Funding Sources:

<u>Type</u>	<u>Prior Year</u>						<u>Beyond</u>	<u>Total</u>
	<u>Funding</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY15</u>	<u>Cost</u>
State Funding	\$4,159,000	\$200,000	\$400,000	\$1,645,850	\$1,458,288	\$8,925,862		\$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>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>
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Department: Transportation & Drainage	Project Number and Title: Neighborhood Drainage Projects 08-T&D-204
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Contact: Debbie Vest

Project Type: Improvement

Useful Life: 25+ years

New Positions: N/A

Total Project Cost: \$980,000

Description:

This project would improve drainage in several areas. Targeted areas include: Church Road/Lodge Road, Poquoson Avenue, Sandy Bay Drive, Municipal Drive, Laydon Way and Hopkins Court/Oxford Mews. Existing drainage systems will be upgraded to lessen flooding.

Justification:

Projects were selected based on number of impacted citizens; flooding severity and frequency; ease of work implementation; and anticipated level of improvement. Work includes: (1) Paving and upsizing an outfall channel and piping two lengths of ditching along Laydon Way; (2) Upsizing Hopkins Court/Oxford Mews concrete outfall channels (interim) and upgrading the downstream piping system (long-term); (3) Upgrading the Poquoson Avenue pipe outfall; (4) Adding storage capacity to the existing Lodge Road drainage system; (5) Restoring and constructing new ditching, and installing tidal control valves in the Sandy Bay area; and (6) piping Municipal Park ball field ditching as a safety measure.

Expenditures:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond	Total
						<u>FY15</u>	<u>Cost</u>
Construction	\$194,000	\$350,000	\$396,000	\$40,000			\$980,000

Funding Sources:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond	Total
						<u>FY15</u>	<u>Cost</u>
State Funding	\$194,000	\$350,000	\$396,000	\$40,000			\$980,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</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 which requires a ten percent local match. Actual project design and location will be determined by City Manager or Council at a later date. The following project segments, in order of prioritization, were determined most suitable for BPSP funding according to the Sidewalk Vision Plan: 1. Yorktown Road (from Hunts Neck Rd to City Limit) 2. Bunting Lane (From Poquoson Avenue to Church Street) 3. Hudgins Road (from Wythe Creek to Poquoson Ave) 4. Cedar Road (from Poquoson Ave to Little Florida) 5. Rens Road (from Poquoson Ave to End)

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>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
Other	\$500,000						\$500,000

Funding Sources:

Type	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
Grant	\$450,000						\$450,000
Debt	\$50,000						\$50,000
Total	\$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>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>
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Department: Public Works	Project Number and Title: Equipment Replacement 08-PW-401
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Contact: Tom Jones

Project Type: Equipment

Useful Life: 15 years

New Positions: N/A

Total Project Cost: \$455,000

Description:

Replacement of existing equipment in the Public Works Department is on a scheduled replacement program. The following equipment individually costing \$50,000 or greater would need replacing in:

FY2012 Excavator \$200,000
 Dump Truck \$65,000
 FY2013 Slope Mower \$85,000
 Wheel Loader \$105,000

Justification:

Replacement of aging equipment is of the utmost importance in providing good service to citizens and maintaining the City’s infrastructure. Equipment downtime causes delays in performing work, and complaints from citizens because projects are not completed in a timely manner. Also, replacement parts for equipment 15 years or older can be hard to find and yearly repairs and maintenance costs have increased.

Expenditures:

Type	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
Equipment		\$265,000	\$190,000				\$455,000

Funding Sources:

Type	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
Debt Issued		\$265,000	\$190,000				\$455,000

Operational Impact/Other:

Decrease in Maintenance Budget. The debt service on this project at 5% interest over 10 years equates to annual payments of approximately \$59,000.

Operating Budget Impact:

Type	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>
Debt Service		\$29,000	\$59,000	\$59,000	\$59,000

Department: Public Works	Project Number and Title: Public Works Building 08-PW-407
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Contact: Kenneth Somerset

Project Type: Buildings

Useful Life: 30 + years

New Positions: N/A

Total Project Cost: \$600,000

Description:

2 new 50' x 100' x 16' tall buildings. There will be a total of 5 operating bays, lockers for workers, showers, office space, new vehicle garage area, and new utilities area. This will allow for expansion of material, tools and space for the future. The building will be enclosed which will provide better security and protection from the elements. Construction will begin in Spring 2011.

Justification:

The existing buildings cannot be repaired and if it was a private structure and not City buildings they would be condemned as being unsafe. The existing utilities building would become file storage.

Expenditures:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>Beyond FY15</u>	<u>Total Cost</u>
Construction	\$600,000						\$600,000

Funding Sources:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>Beyond FY15</u>	<u>Total Cost</u>
Debt Issue	\$600,000						\$600,000

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 \$48,000 per year.

Operating Budget Impact:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>
Debt Service		\$24,000	\$48,000	\$48,000	\$48,000

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	FY11	FY12	FY13	FY14	FY15	Beyond FY15	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	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Grant Funding		\$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	FY11	FY12	FY13	FY14	FY15
Maintenance Costs		\$500	\$500	\$500	\$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>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>Beyond FY15</u>	<u>Total Cost</u>
Restrooms/Picnic Shelter				\$200,000			\$200,000
Playground/Sand Volleyball Courts					\$200,000		\$200,000
Total				\$200,000	\$200,000		\$400,000

Funding Sources:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>Beyond FY15</u>	<u>Total Cost</u>
General Fund				\$200,000	\$200,000		\$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>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>
Upkeep and Maintenance					\$5,000

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:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Planning and Design			\$25,000				\$25,000
Installation				\$335,000			\$335,000
Total			\$25,000	\$335,000			\$360,000

Funding Sources:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
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:

Type	FY11	FY12	FY13	FY14	FY15
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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: \$80,000

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:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Engineering				\$5,000			\$5,000
Installation					\$75,000		\$75,000
Total				\$5,000	\$75,000		\$80,000

Funding Sources:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
General Fund				\$5,000	\$75,000		\$80,000

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:

Type	FY11	FY12	FY13	FY14	FY15
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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: \$200,000

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>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>Beyond FY15</u>	<u>Total Cost</u>
Design and Engineering		\$25,000					\$25,000
Construction			\$175,000				\$175,000
Total		\$25,000	\$175,000				\$200,000

Funding Sources:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>Beyond FY15</u>	<u>Total Cost</u>
General Fund		\$25,000	\$175,000				\$200,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</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>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>Beyond FY15</u>	<u>Total Cost</u>
Land Acquisition/Construction				\$1,000,000			\$1,000,000

Funding Sources:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>Beyond FY15</u>	<u>Total Cost</u>
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>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>
Debt Service				\$40,000	\$80,000

Department: Recreation & Events	Project Number and Title: Kid's Island Refurbishment 11-R&E-001
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Contact: Dave Callis

Project Type: Construction

Useful Life: 20+ years

New Positions: N/A

Total Project Cost: \$205,000



Description:

Kid's Island is the City's most popular and largest playground. This project proposes removing existing wooden structure playground equipment and replacing it with durable non-wood & metal structures with a long life expectancy. Playground will feature steel posts, fiberglass and up to date design that is in compliance with the National Playground Safety Institutes National Standards for safety and facility design as well as the Consumer Product Safety Commission. The site would be made of materials to deter vandalism and prolong life. The project encompasses the relocation of Kid's Island to the opposite end of Phillips Park adjacent to Firth Field. The project would feature rubberized matting as the impact material which has proven to be extremely maintenance friendly.

Justification:

Kid's Island is the flagship playground area of Poquoson. However, in recent years it has fallen into disrepair and the wooden structures have outlived their functional utility. Maintenance of the facility and the need to repair and refurbish the structures have reached a level far out-stripping current City resources. The present location of Kid's Island makes it a haven for loitering, littering and other activities inconsistent with the vision of the facility and the use of it by children ages 12 and under and their parents.

Expenditures:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Design and Construction		\$5,000	\$200,000				\$205,000

Funding Sources:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
General Fund		\$5,000	\$200,000				\$205,000

Operational Impact/Other:

It is envisioned that such this project would dramatically increase both the use of Kid's Island and its functionality. Additionally, it should decrease maintenance costs in the near and long term.

Operating Budget Impact:

Type	FY11	FY12	FY13	FY14	FY15
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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: \$3,500,000

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:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Design and Engineering						\$50,000	\$50,000
Construction						\$3,450,000	\$3,450,000
Total						\$3,500,000	\$3,500,000

Funding Sources:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Debt Issue						\$3,500,000	\$3,500,000

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 \$279,000 per year.

Operating Budget Impact:

Type	FY11	FY12	FY13	FY14	FY15
Debt Service					\$140,000

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: \$16,063,624



Description:

Construction of a new 39,600 square ft. facility which will house a gymnasium, 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 rest-rooms, locker rooms, check in areas, and staffing can 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	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
A & E						\$300,000	\$300,000
Construction						\$15,763,624	\$15,763,624
Total						\$16,063,624	\$16,063,624

Funding Sources:

Type	FY11	FY12	FY13	FY14	FY15	Beyond FY15	Total Cost
Debt Issue						\$16,063,624	\$16,063,624

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 \$875,000.

Operating Budget Impact:

Type	FY11	FY12	FY13	FY14	FY15
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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. A volunteer committee of Poquoson residents has been established to pursue grant funding for these projects.

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>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</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>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</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>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>
Personnel		\$40,000	\$40,000	\$40,000	\$40,000

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>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
Equipment			\$120,000				\$120,000

Funding Sources:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
General Fund			\$120,000				\$120,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</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>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
Equipment		\$90,000					\$90,000

Funding Sources:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
General Fund		\$90,000					\$90,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>
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Department: Utilities	Project Number and Title: Utilities Building 08-SWR-009
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Contact: Robert Speechley

Project Type: Improvement

Useful Life: 20+ years

New Positions: N/A

Total Project Cost: \$54,000

Description:

The proposed addition, measuring 18' x 30', would house the exiting equipment that is currently stored outside. The new bay will have a larger overhead door that will make entering and exiting of the Val-All truck safer.

Justification:

The equipment should be stored out of the weather, because it is utilized during emergency situations. Inside storage will also increase the lifespan of the equipment.

Expenditures:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
Construction						\$54,000	\$54,000

Funding Sources:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
General Fund						\$54,000	\$54,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</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 he 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>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
Equipment		\$100,000					\$100,000

Funding Sources:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	Beyond <u>FY15</u>	Total <u>Cost</u>
General Fund		\$100,000					\$100,000

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</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: \$900,000

Description:

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

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>Prior Year Funding</u>						<u>Beyond</u>	<u>Total</u>
	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY15</u>	<u>Cost</u>	
SSSES Plan	\$200,000	\$500,000	\$200,000				\$900,000	

Funding Sources:

<u>Type</u>	<u>Prior Year Funding</u>						<u>Beyond</u>	<u>Total</u>
	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY15</u>	<u>Cost</u>	
Sewer Fund	\$200,000	\$500,000	\$200,000				\$900,000	

Operational Impact/Other:

Operating Budget Impact:

<u>Type</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>
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