

Project Category: 100 -- Schools	Project Number and Title: 102. Construction of New Elementary School
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Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$12,000,000		\$500,000	\$6,000,000	\$5,500,000			
DESCRIPTION							

Project Description:

Construction of a new 100,000 square foot elementary school to house grades 3 through 6.

Project Status:

In the fall of 2000, City Council established a School Task Force to study school capital needs. The Task Force consisted of one member of the Planning Commission, one member of the School Board, one member of City Council, two citizens from each voting precinct, and one citizen appointed by the Mayor. In January 2001, the Task Force delivered a presentation to a combined session of City Council and the School Board at which time they proposed the construction of a new combined elementary and middle school on a single school site. Since that time discussions have focused on building an elementary school to house grades 3-6 on a site to be determined.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
<u>FY 2005</u> Site Plan & Design, Fees, Inspections, Geotechnical Survey, Other Expenses	\$ 500,000	Debt Issue. Estimated annual payment at 5% interest over 20-year life is \$962,911.	
<u>FY 2006 and FY 2007</u> Site Improvements and/or Land purchase	\$1,000,000		
Construction Cost	\$10,100,000		
Furnishings & Equipment	<u>400,000</u>		
Total	<u>\$12,000,000</u>		

Project Category:

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Project Number and Title:

102. Construction of New Elementary School

Project Justification:

At the current time, the Poquoson Elementary School is in need of significant renovation. A recent architectural study revealed that the elementary school, built in 1952, contains many serious building deficiencies and fails to meet current educational program needs. Of additional concern are safety and accessibility issues that arise from this building, which has been grandfathered into older building code standards.

Poquoson Elementary School currently contains many maintenance, equipment and code deficiencies. Some of these deficiencies are listed below:

The 1954, 1956, and 1959 portions of the school have vinyl asbestos tile (VAT) throughout. This tile has been covered with carpet over the years, and the carpet school-wide is experiencing mildew problems as a result of water infiltration from below the slab and from above caused by many roof leaks. Some of these problems have been mitigated through recent flood related renovations, but some asbestos tile remains under the carpet.

The existing windows in the 1954, 1956, and 1959 portions of the building are single glazed. This is a major source of heat loss in the older portions of the school. One must assume that the glazing compound on the windows may contain some asbestos.

Roof leaks occur throughout the building, with the worst leaks located in the fifth grade hallway. This pervasive moisture is causing increasingly poor air quality, which is becoming a health risk for students. The entire school roof system needs to be replaced. The existing plumbing system is failing. The drinking water is discolored by deteriorating piping; all of the piping in the 1954, 1956, and 1959 portions of the school is surface mounted on the wall and is exposed to damage from passersby. The hot water system for the school is inadequate, with only the clinic, kitchen, and the office area receiving hot water.

There are insufficient electrical receptacles in the classrooms. There are many instances where 4 or 5 items are plugged into one outlet. This situation is potentially unsafe and will have to be changed.

Although the boilers at the school are new, the old radiators are outdated and highly inefficient. Furthermore, the State has minimum standards on the amount of fresh air that must be introduced into classrooms, and that air must be tempered to wring the moisture out so as not to introduce new moisture to the building. The elementary school does not meet this standard.

While the cafeteria seating area is sufficient in size, the kitchen and its support areas need to be updated as well as increased in size.

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Building safety deficiencies include an inadequate school-wide keying system; a deficient communication system in which no communication exists between play fields, classrooms and the office; a main office situated with no view of the front entrance of the school building; and a bus loop that does not allow for the separation of buses and vehicles during the loading and unloading of students each day.

Space limitations include the absence of dedicated conference rooms for the school administration, inadequate storage (currently the old boiler room is being used for storage and frequent flooding there has caused significant damage to school property); the use of antiquated modular buildings for math, art and science classes; no dedicated space for guidance services (the counselor currently uses a hallway that has been converted into a guidance space); the lack of dedicated space for media reference and professional resource (the current media center is about half the size of today’s elementary school media center); inadequate space for record storage, and inadequate space for physical education class, storage and office (this space should be increased 350%).

Handicapped accessibility and accommodation is poor to nonexistent, with only the 1980 addition meeting some of the current requirements.

Perhaps the most compelling reason to pursue the new elementary school lies in the changing face of educational programming. Classrooms in the future will require a technological infrastructure that will be virtually impossible to develop within our existing facilities.

Effect on Operating Budget:

Building a new elementary school will reduce annual operational costs associated with maintaining an old school such as PES. Close proximity to PMS should allow for more efficient school scheduling, enhanced sharing of human and material resources, and increased vertical articulation, which will improve the quality of teaching and learning. Some economies of operation may be found in construction, operations, transportation and staffing.

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	\$12,000
Number of new positions	N/A
Additional salary costs	N/A
Decreased salary costs	\$13,000
Additional other expenses	N/A
Debt Service	\$(962,911)
Net effect on annual operating budget	\$(937,911)

Project Category:

100 -- Schools

Project Number and Title:

102. Construction of New Elementary School

Time Frame Analysis:

Project Schedule

Site Plan and Design	FY 2005
Construction start date	April 2006
Completion date	FY 2007

Other Information:

If the new elementary school site selected is behind Poquoson Middle School then the site will require moving the football stadium to PHS at a cost between \$800,000 and \$1,000,000. If the school is moved to new property, land could cost \$1,000,000 or more. If the new school is built at the current location, temporary trailers would be needed, which would cost almost \$1,000,000. \$1,000,000 has been included under category "site improvements and/or land purchase."

The Planning Commission recommended that the Schools study the location of the new facility prior to designing the new school.

Project Category: 100 -- Schools	Project Number and Title: 108. PMS Locker and Bathroom Replacement
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Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$500,000		\$50,000	\$450,000				

DESCRIPTION

Project Description:

Replace or renovate the back area of the gym that houses the restrooms and locker rooms.

Project Status:

This project was identified in the FY 2003 CIP. Due to the poor condition of these facilities, this project is scheduled for FY 2005 and FY 2006.

Project Justification:

The gymnasium's locker room facilities are worn out and inadequate. Blockages and problems with both the supply and wastewater piping indicate replacement is needed. The leakage of water in deteriorated piping under the sub flooring is causing the tile floors to buckle and crack. Toilet facilities do not conform to ADA requirements. The fixtures in the bathroom and shower areas are worn out and need replacement. Architectural and engineering firms would be hired to determine if this area of the building could be renovated, or if it would be necessary to demolish this section of the building and rebuild.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Design and Engineering	\$ 50,000	Debt issue. Estimated annual payment at 5% over 15-year life is \$48,171.	
Construction	<u>450,000</u>		
Total	<u>\$500,000</u>		

Project Category:

100 -- Schools

Project Number and Title:

108. PMS Locker and Bathroom Replacement

Effect on Operating Budget:

Slight decrease in maintenance costs.

Estimated effect of completed project on operating budget:

Increased revenue	N/A
Decreased operating expenses	\$1,000
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Debt service	(\$48,171)
Net effect on annual operating budget	(\$47,171)

Time Frame Analysis:

Design must be completed before the schools can apply for the literary loan. There is normally a one-year waiting period before the literary loan can be obtained.

Project Schedule

Design	FY 2005
Construction	FY 2006

Relation to Other Projects:

None

Other Information:

Project Category: 100 -- Schools	Project Number and Title: 109. School Cafeteria Wiring & Generators
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Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$117,000					\$78,000		\$39,000

DESCRIPTION

Project Description:

To wire the school cafeterias at Poquoson High School, Poquoson Primary School and Poquoson Middle School so they will be compatible with the usage of a generator during power outages.

Project Status:

New Project.

Project Justification:

During Hurricane Isabel in September 2003, the cafeterias lost all their perishable food due to the power outage.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
FY2008		General Fund Appropriation	<u>\$117,000</u>
PHS Generator	\$21,000		
PHS Wiring & Installation	18,000		
PMS Generator	21,000		
PMS Wiring & Installation	<u>18,000</u>		
	\$78,000		
Beyond FY2009			
PPS Generator	\$21,000		
PPS Wiring & Installation	<u>18,000</u>		
	\$39,000		
Total	<u>\$117,000</u>		

Project Category:

100 -- Schools

Project Number and Title:

109. School Cafeteria Wiring & Generators

Effect on Operating Budget:

No effect

Estimated effect of completed project on operating budget:

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	N/A

Time Frame Analysis:

Purchase/Installation at PHS & PMS	FY 2008
Purchase/Installation at PPS	Beyond FY 2009

Relation to Other Projects:

None

Other Information:

None

Project Category: Sewer Fund	Project Number and Title: S2. Sewer Main Inspection
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Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$380,000		\$30,000	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000
DESCRIPTION							

Project Description:

To clean and videotape 130,000 feet of sewer mains. The older areas and areas with known problems would be targeted to be cleaned and video taped first to assess the current condition of the pipe. As problems are identified from the videos, these would be repaired using various sealing, grouting and lining techniques. Major repairs needing trenching and pipe replacement would be identified for future CIP projects.

Project Status:

Identified in FY 2002 CIP and recommended for FY 2005 – Beyond FY 2009.

Project Justification:

This project is needed to identify possible sources of infiltration into the City sewer system and to help establish more accurate system blueprints. This should help identify cracks and breaks before they become major failures. Blueprints would show dimensions and laterals. Locating damaged lines is important because damaged lines leak raw sewage out and rain water/ground water in. This additional flow overloads City and HRSD pump stations.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Equipment	<u>\$380,000</u>	Sewer Fund Appropriation	<u>\$380,000</u>

Project Category: Sewer Fund	Project Number and Title: S2. Sewer Main Inspection
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Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	N/A

Time Frame Analysis:

Ongoing project.

Relation to Other Projects:

None.

Other Information:

None.

Project Category: Sewer Fund	Project Number and Title: S5. Pump Station #2 Rehab
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Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$500,000			\$500,000				
DESCRIPTION							

Project Description:

This would rehabilitate Pump Station #2 located at Yorktown Road and Hunts Neck Road intersection. The ultimate capacity would be 1,400 gmp (gallons per minute). The existing pumps would be modified with a new impeller, new drive shafting and a new 75 HP motor. The motor will be inverter duty rated suitable for use with a VFD variable speed drive unit and operate at 1780 rpm.

Project Status:

This is a new project.

Project Justification:

During an analysis of Pump Station #2, it was determined that the existing pumps were not operating at the range recommended by the pump manufacturer. Therefore extended operation in the overload ranges could reduce the life of the pumps. During heavy rains, the pump station is unable to keep up with the wastewater inflow to the station. With the increased home construction in this vicinity, this pump station is in need of enhancements to support the additional wastewater that will flow through the station.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Design	\$18,000	Sewer Fund Debt Issue FY 2005	<u>\$ 500,000</u>
Construction	430,000		
Mobilization	6,000		
Contingency	<u>46,000</u>		
Total	<u>\$500,000</u>	Debt issuances in the Sewer Fund would be necessary to pay for projects. Estimated annual payment at 5% interest over 20-year life is \$40,121.	

Project Category: Sewer Fund	Project Number and Title: S5. Pump Station #2 Rehab
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Effect on Operating Budget:

Larger pump station with more pumps will be more costly to maintain.

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	(\$5,000)
Debt Service	(\$40,121)
Net effect on annual operating budget	(\$45,121)

Time Frame Analysis:

Project Schedule

Design Projects:	July 1, 2005
Bid Construction:	September 1, 2005
Construction Start:	December 1, 2005
Construction Completion:	August 1, 2006

Relation to Other Projects:

None

Other Information:

None

Project Category: Sewer Fund	Project Number and Title: S6. Utility Truck
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Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$30,000				\$30,000			
DESCRIPTION							

Project Description:

Replacement of a 1994 Ford Utility Truck (Car #50). VDOT replaces their gas engine pickup trucks every 6 years and diesel engine pickup trucks every 8 years.

Project Status:

Planned replacement of vehicle when it reaches projected life expectancy.

Project Justification:

This will replace a 1994 Utility Truck that will be 13 years old when replaced.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Utility Truck	<u>\$ 30,000</u>	Sewer Fund FY 2007	<u>\$ 30,000</u>

Project Category: Sewer Fund	Project Number and Title: S6. Utility Truck
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Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	N/A

Time Frame Analysis:
FY 2007

Relation to Other Projects:
None

Other Information:

Car 50

	FY 2001	FY 2002	FY 2003	Total
Parts	856	959	356	2,171
Labor	892	983	378	2,253
Outside Repairs	0	45	957	1,002
Total	1,748	1,987	1,691	5,426

Project Category: Solid Waste	Project Number and Title: SW1. Refuse Truck
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Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$268,000		\$128,000					\$140,000
DESCRIPTION							

Project Description:

Replacement of refuse truck. The City currently has a 2000 GMC refuse truck and a 1995 backup truck. The proposed truck in FY 2005 will replace the 1995 truck. The new truck will be used for everyday use and the 2000 truck will be used as a reliable backup truck.

Project Status:

Replacement of this piece of equipment has been planned through user fees generated from the Solid Waste Fund. Because of the constant usage, solid waste trucks only have a 5-year life and are replaced on this 5-year schedule.

Project Justification:

Garbage pickup is a basic citizen service and needs to be dependable. It has not happened very often, but we have had to use pickups and dump trucks to pick up garbage when both refuse trucks were broken down.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
		Solid Waste Fund	
Truck	\$ 128,000	FY 2005	\$ 128,000
Truck	<u>140,000</u>	Beyond FY 2009	<u>140,000</u>
Total	<u>\$ 268,000</u>	Total	<u>\$ 268,000</u>
		Excess retained earnings, which have been accumulating for several years, will be used	

Project Category: Solid Waste	Project Number and Title: SW1. Refuse Truck
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Effect on Operating Budget:

Slight decrease in maintenance budget

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	Decrease in maintenance budget
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	Decrease in maintenance budget

Time Frame Analysis:

FY 2005 and Beyond FY 2009.

Relation to Other Projects:

None

Other Information:

Maintenance Costs

	FY 2001	FY 2002	FY 2003	Total
Parts	1,291	1,426	1,595	4,312
Labor	852	1,117	1,901	3,870
Outside Repairs	1,913	325	0	2,238
Total	4,056	2,868	3,496	10,420

Project Category: Solid Waste	Project Number and Title: SW2. Debris Removal Truck
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Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$90,000			\$90,000				
DESCRIPTION							

Project Description:

Replacement of a 1991 International debris knuckle-boom dump truck.

Project Status:

This is a new request.

Project Justification:

Dependable equipment needed for debris removal for the city. The equipment will be 15 years old when replaced.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Equipment	<u>\$90,000</u>	Solid Waste Fund	<u>\$90,000</u>

Project Category: Solid Waste	Project Number and Title: SW2. Debris Removal Truck
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Effect on Operating Budget:

Decrease in maintenance budget

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	Decrease in Maintenance Budget
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	Decrease

Time Frame Analysis:

FY 2006

Relation to Other Projects:

None

Other Information:

Maintenance Costs

SW 6

	FY 2001	FY 2002	FY 2003	Total
Parts	1,020	679	613	2,312
Labor	1,158	1,229	958	3,345
Outside Repairs	967	3,930	8,941	13,838
Total	3,145	5,838	10,512	19,495

Project Category: Solid Waste	Project Number and Title: SW4. Pickup Truck
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Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$25,000					\$25,000		
DESCRIPTION							

Project Description:

Replacement of a 1997 Ford ¾ ton truck (SW4).

Project Status:

This piece of equipment is being planned through user fees generated from the Solid Waste Fund.

Project Justification:

Garbage pickup is a basic citizen service and needs to be dependable. This truck is used to go down private streets where the large refuse truck can't maneuver.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Pickup Truck	<u>\$ 25,000</u>	Solid Waste Fund	<u>\$ 25,000</u>

Project Category: Solid Waste	Project Number and Title: SW4. Pickup Truck
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Effect on Operating Budget:

Slight decrease in maintenance budget

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	Decrease in maintenance budget
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	Decrease in maintenance budget

Time Frame Analysis:

FY 2008

Relation to Other Projects:

None

Other Information:

Maintenance Costs **SW 4**

	FY 2001	FY 2002	FY 2003	Total
Parts	1,291	1,426	1,595	4,312
Labor	852	1,117	1,901	3,870
Outside Repairs	1,913	325	0	2,238
Total	4,056	2,868	3,496	10,420

Project Category: 200 -- Transportation and Drainage	Project Number and Title: 201. Street and Drainage Improvements
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Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$2,250,000		\$350,000	\$360,000	\$370,000	\$380,000	\$390,000	\$400,000
DESCRIPTION							

Project Description:

Each year VDOT gives the City funds for routine street maintenance, resurfacing, shoulder improvements, and drainage improvement projects.

Project Status:

Projects are ongoing where the Public Works Director prioritizes needs for improvements each year.

Project Justification:

City streets, shoulders, curbs, gutters, and ditches require regular maintenance.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Highway, shoulder and drainage Projects:		State Funds, Virginia Department of Transportation:	
FY 2005	\$ 350,000	FY 2005	\$ 350,000
FY 2006	360,000	FY 2006	360,000
FY 2007	370,000	FY 2007	370,000
FY 2008	380,000	FY 2008	380,000
FY 2009	390,000	FY 2009	390,000
Beyond FY 2009	<u>400,000</u>	Beyond FY 2009	<u>400,000</u>
Total	<u>\$2,250,000</u>	Total	<u>\$2,250,000</u>

Project Category: Transportation and Drainage	Project Number and Title: 201. Street and Drainage Improvements
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Effect on Operating Budget:

No change in effect on operating budget. Maintenance on roads is a continuously ongoing project.

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	N/A

Time Frame Analysis:

Projects are completed throughout the year, with the majority of paving done in the spring of each year.

Relation to Other Projects:

When practical, projects are coordinated with Newport News Waterworks projects and sewer projects.

Other Information:

VDOT reimburses the City based on lane miles. The latest reimbursement is as follows:

Principal/minor arterial roads	\$12,958 per lane mile
Collector/local streets	\$ 7,608 per lane mile

The City will notify VDOT when new roads are put into service in the City.

Project Category: 200 -- Transportation and Drainage	Project Number and Title: 202. Wythe Creek Road – “South”
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Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$332,220		\$8,000					\$324,220

DESCRIPTION

Project Description:

This project includes the widening of Wythe Creek Road from Alphus Street to the City of Hampton. The project will also provide an extension of the City’s bike path and sidewalk system.

Project Status:

Money for this project has been accumulating for the last several years via VDOT's Urban System funds. Poquoson’s match from the Capital Projects Fund will begin in FY 2005 as project gets to the engineering phase. VDOT does not have the City of Poquoson side of the project budgeted in their six year plan nor is the southern portion of Wythe Creek Road located in Hampton in VDOT’s six year plan. City Council has issued a resolution to VDOT stating that the City does not want to proceed with the project until it is included in Hampton’s plan, otherwise the new 5-lane road would go down to a 3-lane bridge on Hampton’s side and not resolve traffic problems.

Project Justification:

This is needed in order to handle the increased and projected traffic volumes. This roadway continues to experience increasing congestion and will become a serious safety hazard if it is not widened.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
<u>Wythe Creek Road – South</u>		General Fund Appropriation	<u>\$332,220</u>
Preliminary Engineering	\$ 8,000	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. State VDOT funds should pay for \$16,278,780 of the project.	
Engineering, ROW Acquisition, And Construction	<u>324,220</u>		
Total	<u>\$ 332,220</u>		
Total construction cost is estimated to be \$16,611,000. The State will pay for the entire project and request reimbursement in the amount of \$332,220 from the City.			

Project Category: 200 -- Transportation and Drainage	Project Number and Title: 202. Wythe Creek Road – “South”
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Effect on Operating Budget:

There will be additional lane miles to maintain; however, Poquoson will get annual VDOT maintenance money to cover expenses.

Estimated effect of completed project on operating budget	
Increased revenue	\$30,000
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	\$30,000
Net effect on annual operating budget	No effect

Time Frame Analysis:

Preliminary engineering	FY 2005
Design of project	Beyond FY 2009
Right-of-Way Acquisition	Beyond FY 2009
Construction	Beyond FY 2009

Relation to Other Projects:

None

Other Information:

	Cost of Project	Poquoson %	Poquoson’s Cost	Implementation
Preliminary engineering	\$400,000	2%	\$8,000	FY 2005
Professional & Engineering	695,000	2%	13,900	Beyond FY 2009
Right-of-Way Acquisition	3,016,000	2%	60,320	Beyond FY 2009
Construction	<u>12,500,000</u>	2%	<u>250,000</u>	Beyond FY 2009
Total	<u>\$ 16,611,000</u>		<u>\$332,220</u>	

Project Category: 200 -- Transportation and Drainage	Project Number and Title: 204. Neighborhood Drainage Projects
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Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$531,300			\$315,000	\$216,300			
DESCRIPTION							

Project Description:

This project would improve drainage in several areas. Targeted areas include: Oxford Mews/Hopkins Court, Church Street/Lodge Road and Bunting Manor.

1. The Oxford Mews/Hopkins Court project would reroute the storm water run off that now ponds in Hopkins Court and Oxford Mews neighborhood to discharge under Little Florida Road and into the lower reaches of Oxford Run East of Wythe Creek Road.
2. The Church Street/Lodge Road project would enlarge the drainage ditches. A tidal ditch with a maintenance road will extend from a gut off the Northwest Branch of Back River along the route of an old ditch across Church St to Lodge Rd. A vee ditch is proposed between lots facing on Church St and Lodge Rd as a collector. Individual lot owners could swale to this ditch as required for draining their respective lots.
3. The Bunting Manor project would improve drainage on west and north sides of subdivision by replacing half-round culvert pipe with PG-5 concrete swale.

Project Status:

These projects were identified in the FY 2002 CIP, but have been combined and given the title of "Neighborhood Drainage Projects".

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
FY 2006			
Engineering	\$ 42,000	General Fund Appropriation	
Construction – Oxford Mews	<u>273,000</u>	FY 2006	<u>\$315,000</u>
Total	<u>\$ 315,000</u>	FY 2007	<u>\$216,300</u>
FY 2007			
Construction – Church/Lodge	\$137,550	It may be necessary to finance these projects with debt issue.	
Construction – Bunting Manor	<u>78,750</u>		
Total	<u>\$ 216,300</u>		

Project Category: 200 -- Transportation and Drainage	Project Number and Title: 204. Neighborhood Drainage Projects
----------------------------------------------------------------	-------------------------------------------------------------------------

Project Justification:

These areas are very prone to flooding and need drainage improvements. In the Oxford Mews/Hopkins Court area several storms during the past few years had water close to the ground level of homes and flooded streets. Improved drainage would allow road access during heavy rains. The Church Street/Lodge Road area is subject to tidal flooding and needs an enlarged ditch. The concrete swale at Bunting Manor would increase the flow, eliminate standing water and improve drainage for the subdivision, adjacent properties, and rear portion of 5 lots in Oxford Mews subdivision.

Effect on Operating Budget:

There would be very little effect on on-going operations.

Estimated effect of completed project on operating budget:

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	N/A

Time Frame Analysis:

Project Schedule

Design of projects	July 1, 2005
Construction – Oxford Mews	January 1, 2006
Church Street/Lodge Road	July 1, 2006
Bunting Manor	January 1, 2007

Relation to Other Projects:

None.

Other Information:

None

Project Category: 200 -- Transportation and Drainage	Project Number and Title: 206. Poquoson Ave/Little Florida Rd Realignment
----------------------------------------------------------------	-------------------------------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$200,000		\$200,000					

DESCRIPTION

Project Description:

Improve the three-way intersection at Poquoson Avenue, Little Florida Road and Laydon Way.

Project Status:

This project was identified in the FY 2002 CIP as a year 1 project; however, there was not enough money available to fund this project during the budget process. In FY 2003 CIP it was identified as a FY 2005 project. The project was adopted in the FY 2005 CIP as a Year 1 project.

Project Justification:

Project was identified in 1980 and 1994 Traffic Safety Studies. Only minor improvements to intersection have been made. The prior traffic safety studies indicated that in order to decrease accidents at the intersection, approaches needed to be upgraded to improve sight distance. Road widening, turning lanes and traffic signals may be required after a new traffic study is performed using correct traffic volume.

COST ANALYSIS		FINANCING ANALYSIS	
Architect & Engineering	\$20,000		
Land	50,000		
Construction	110,000		
Traffic Signal	<u>20,000</u>		
Total	<u>\$200,000</u>	General Fund Appropriation	<u>\$200,000</u>

Project Category:
200 – Transportation and Drainage

Project Number and Title:
206. Poquoson Ave/Little Florida Rd Realignment

Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	N/A

Time Frame Analysis:

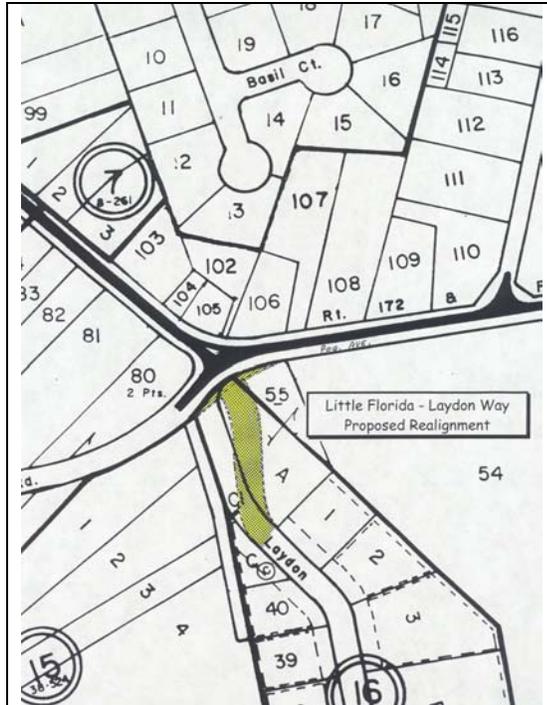
Project Schedule

Construction start date	Fall 2004
Completion date	Spring 2005

Relation to Other Projects:

None

Other Information:



Map of Little Florida Road/Poquoson Avenue/Laydon Way Proposed Realignment

Project Category: 200 --Transportation and Drainage	Project Number and Title: 207. Improvements to Cary's Chapel Road
---------------------------------------------------------------	-----------------------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$325,000		\$125,000	\$200,000				
DESCRIPTION							

Project Description:

Provide for safety improvements at the intersection of Cary's Chapel Road and Wythe Creek Road at the Poquoson/Hampton corporate limits.

Project Status:

Signalization of this intersection was identified in the FY 2002 CIP as a year 1 project; however, there was not enough money available to fund this project during the budget process. A Federal grant was awarded for FY 2005 to make safety improvements to this intersection. In March 2004 City Council voted against signalization at this intersection but recommended that other improvements be made to improve the safety of the intersection.

Project Justification:

Kubilins Transportation Group, Inc. performed a Traffic Signal Warrant Analysis and Safety Evaluation for this intersection. It was determined that the major concern for safety at the intersection is the limited sight distance for the side street traffic. The results of the analyses lead Kubilins to the recommendation for signalization.

City Council believes a signal at this intersection may cause traffic congestion rather than alleviate it. This project was approved by the Metropolitan Planning Organization as a Regional Project and was funded at FY 2005 - \$125,000 and FY 2006 - \$200,000 with no City match required but the funds must be used in two years. Hampton Roads Planning District is in the process of conducting an analysis of the intersection to provide additional alternatives

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Engineering	\$ 25,000		
Right of Way	125,000		
Construction	<u>175,000</u>	Federal Funds	<u>\$325,000</u>
Total	<u>\$ 325,000</u>	Total	<u>\$ 325,000</u>
Poquoson's Share is 2%			

Project Category: 200 -- Transportation and Drainage	Project Number and Title: 208. Alphus Street Extended
----------------------------------------------------------------	-----------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$500,000			\$100,000	\$200,000	\$200,000		
DESCRIPTION							

Project Description:

Completion of the construction of Alphus Street. The specific section to be improved is located between City Hall Avenue and to the west of the Poquoson Commons Shopping Center, a distance of approximately six hundred-fifty (650) feet. The fifty (50) foot right-of-way improvements will consist of curb and gutter, sidewalk on the southerly side and thirty-seven (37) foot pavement width.

Project Status:

City staff is in the process of obtaining the right-of-way from private property owners.

Project Justification:

Completion of this section of Alphus Street will allow direct traffic access between City Hall Avenue and Wythe Creek Road. The sidewalk will provide safer pedestrian access to City Hall and the Public Library. The road will provide economic opportunities for the commercial development of the adjacent properties.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Engineering	\$ 42,000	FY 2009	<u>\$500,000</u>
Construction	370,000		
LFCU Reimbursement	<u>88,000</u>		
Total	<u>\$ 500,000</u>	Total	<u>\$500,000</u>

Project Category: 200 -- Transportation and Drainage	Project Number and Title: 208. Alphus Street Extended
----------------------------------------------------------------	-----------------------------------------------------------------

Effect on Operating Budget:

Maintenance funds would be received from VDOT to use to offset the cost of maintenance of the sidewalk and street.

Estimated effect of completed project on operating budget

Increased revenue	\$20,000
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	(\$20,000)
Net effect on annual operating budget	\$0

Time Frame Analysis:

FY 2006 – FY 2009

Relation to Other Projects:

None.

Other Information:

In 1996, the City entered into a contract with Langley Federal Credit Union (LFCU). When building the credit union, the City requested that LFCU build a portion of Alphus Street. The City will reimburse LFCU for the cost of this construction (approximately \$88,000) when Alphus Street is extended to City Hall Avenue. This road extension will also qualify for reimbursement from VDOT for lane miles.

Project Category: 200 -- Transportation and Drainage	Project Number and Title: 209. Victory Blvd Road Widening
----------------------------------------------------------------	---------------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$90,000			\$10,200			\$79,800	
DESCRIPTION							

Project Description:

This project includes the widening of Victory Boulevard from City Hall Avenue to the York County line. The current two-lane road will be widened to a four-lane road with a median.

Project Status:

In prior years, VDOT's Urban System funds have been accumulating for the Wythe Creek South widening project; however, this has been pushed out until the City of Hampton gets their side in the VDOT 6-year plan. York County has indicated that they will put their portion of Victory Blvd. in their 6-year plan. VDOT has a limited amount of funds allocated to each locality, so the project will be done as a regional VDOT Project.

Project Justification:

This is needed in order to handle the increased and projected traffic volumes. This roadway continues to experience increasing congestion. As the Big Woods becomes developed, turning lanes will be needed.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Victory Blvd Road		General Fund Appropriation	<u>\$90,000</u>
FY 2007 --Design	\$ 10,200	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. State VDOT funds should pay for \$4,410,000 of the project.	
Beyond FY 2009 -- R.O.W. (Contingency)	15,000		
Beyond FY 2009 -- Construction	<u>64,800</u>		
Total	<u>\$ 90,000</u>		
Total construction cost is estimated to be \$4,500,000. The state will pay for the entire project and request reimbursement in the amount of \$90,000 from the City. This includes a \$15,000 City contingency to cover potential R.O.W. problems.			

Project Category: 200 -- Transportation and Drainage	Project Number and Title: 209. Victory Blvd Road Widening
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Effect on Operating Budget:

There will be additional lane miles to maintain; however, Poquoson will get annual VDOT maintenance money to cover expenses.

Estimated effect of completed project on operating budget

Increased revenue	\$25,000
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	(\$25,000)
Net effect on annual operating budget	\$0

Time Frame Analysis:

Design of project	FY 2007
Right-of-Way Acquisition and Construction	Beyond FY 2009

Relation to Other Projects:

None

Other Information:

	Cost of Project	Poquoson %	Poquoson's Cost
Professional & Engineering	\$510,000	2%	\$10,200
Right-of-Way Acquisition	750,000	2%	15,000
Construction	<u>3,240,000</u>	2%	<u>64,800</u>
Total	<u>\$ 4,500,000</u>		<u>\$90,000</u>

Project Category: 200 – Transportation and Drainage	Project Number and Title: 210. ROW Acquisition, Bikepaths & Sidewalks
---------------------------------------------------------------	---------------------------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$ 3,500,000				\$20,000	\$500,000	\$500,000	\$2,480,000
DESCRIPTION							

Project Description:

1. Design and construct in phases 1 ½ miles of 10-foot bike path extending from Wythe Creek Road to Odd Road then paralleling Odd Road to Poquoson Avenue and proceed along Poquoson Avenue to the Middle School.
2. Acquire and design for a ½ mile bike path along Hunts Neck Road extending from Valmoore Drive to Hansom Drive.
3. Wythe Creek Road to City Hall Avenue.

Project Status:

The right-of-way acquisition was identified in the FY 2002 CIP. This includes the design and construction of the project.

Project Justification:

There is a definite need for bike paths in our community for a number of reasons. The City of Poquoson has approximately 60 miles of publicly maintained roads in the City and only a one mile bike path. 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. In addition, the 1999 Poquoson Comprehensive Plan includes a specific objective to provide a bicycle trail system in the City which connects recreational, commercial, educational and residential areas.

A well-planned bike path 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.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Design/Engineering	\$ 20,000	Combination of State and local funds. City plans to apply for VDOT TEA-21 grant.	
Land Acquisition	500,000		
Construction	<u>2,480,000</u>		
Total	<u>\$3,500,000</u>		

Project Category: 200 – Transportation and Drainage	Project Number and Title: 210.ROW Acquisition, Bikepaths & Sidewalks
---------------------------------------------------------------	--------------------------------------------------------------------------------

Effect on Operating Budget:

Additional Maintenance Costs

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	(\$10,000)
Net effect on annual operating budget	(\$10,000)

Time Frame Analysis:

Project Schedule

Design of project	FY 2007
Land Acquisition	FY 2008 & FY 2009
Construction start date	Beyond FY 2009
Completion date	Beyond FY 2009

Relation to Other Projects:

Right-of-way acquisition.

Other Information:



Project Category:
600 -- Economic Development

Project Number and Title:
601. Economic Development Projects

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$150,000		\$ 75,000	\$ 50,000	\$ 25,000			
DESCRIPTION							

Project Description:

This money would be used for projects identified by the Industrial Development Authority (IDA). Examples of projects could include land purchase and development plans in the Big Woods and Messick Point areas. It could include drainage planning, road construction and right-of-way purchases.

Project Status:

Money set aside annually for economic development purposes was identified in the FY 1996 CIP to help develop business tax base.

Project Justification:

Business development is desired in order to shift some of the tax burden from residential properties.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
FY 2005	\$ 75,000	General Fund Appropriations	
FY 2006	50,000	FY 2005	\$ 75,000
FY 2007	<u>25,000</u>	FY 2006	50,000
		FY 2007	<u>25,000</u>
Total	<u>\$ 150,000</u>	Total	<u>\$ 150,000</u>

Project Category: 600 -- Economic Development	Project Number and Title: 601. Economic Development Projects
---------------------------------------------------------	------------------------------------------------------------------------

Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	N/A

Time Frame Analysis:

The IDA has many proposed projects including land purchases, road development and drainage projects. Projects would be considerably more than the budgeted amount; however, the IDA has been using a line-of-credit to pay for projects. The City desires for the IDA to become financially independent of the City through land sales and other revenue opportunities.

Relation to Other Projects:

None

Other Information:

None

FY 2005 - FY 2009+ CAPITAL IMPROVEMENT PLAN

	Funding Source	Total Estimated Cost	Prior Years Funding	Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	Beyond FY 2009	
GENERAL GOVERNMENT										
100 School Projects										
102	Construction of New Elementary School	Debt Issue	12,000,000		500,000	6,000,000	5,500,000			
108	PMS Locker Room/Bathroom Replacement	Debt Issue	500,000		50,000	450,000				
109	School Cafeteria Wiring & Generators	Local	117,000				78,000		39,000	
Total School Projects			\$12,617,000	\$ -	\$ 550,000	\$ 6,450,000	\$ 5,500,000	\$ 78,000	\$ -	\$ 39,000
200 Transportation and Drainage										
201	Street and Drainage Improvements	State	2,250,000		350,000	360,000	370,000	380,000	390,000	400,000
202	Wythe Creek Road - "South" \$16,211,000 State; Local % \$332,220	Local	332,220		8,000					324,220
204	Neighborhood Drainage Projects	Local	531,300			315,000	216,300			
206	Poquoson/Little Florida Realignment	Local	200,000		200,000					
207	Improvements to Cary's Chapel	Federal	325,000		125,000	200,000				
208	Alphus Street Extended	Local	500,000			100,000	200,000	200,000		
209	Victory Blvd Road Widening	Local	90,000			10,200			79,800	
210	ROW Acquisition, Bikepaths/Sidewalks	Local/State	3,500,000				20,000	500,000	500,000	2,480,000
Total Transportation and Drainage			\$ 7,728,520	\$ -	\$ 683,000	\$ 985,200	\$ 806,300	\$ 1,080,000	\$ 969,800	3,204,220

FY 2005 - FY 2009+ CAPITAL IMPROVEMENT PLAN

	Funding Source	Total Estimated Cost	Prior Years Funding	Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	Beyond FY 2009
300 Public Safety -- Police & Fire									
301	1500 GPM Pumper	Debt Issue	440,000		440,000				
304	Fire Station #1 Replacement	Debt Issue	1,200,000	350,263	849,737				
Total Public Safety -- Police & Fire			\$ 1,640,000	\$ 350,263	\$ 1,289,737	\$ -	\$ -	\$ -	\$ -
400 Public Works									
401	Pickup Trucks	Local	166,000		58,000	25,000	55,000		28,000
403	Dump Truck	Local	62,000				62,000		
405	Hook Lift Truck	Local	60,000			60,000			
406	Backhoe Front-End Loader	Local	80,000			80,000			
407	Public Works Compound	Local	2,100,000			100,000		2,000,000	
408	Utility Tractor	Local	25,000		25,000				
Total Public Works			\$ 2,493,000	\$ -	\$ 83,000	\$ 265,000	\$ 55,000	\$ 2,062,000	\$ 28,000
500 Parks and Recreation									
503	Park Lighting	Local	126,000				126,000		
504	Recreation Center	Debt Issue	1,231,000					1,231,000	
505	Park Improvements	Local	35,000		10,000	25,000			
506	Pickup Truck	Local	31,000		31,000				
508	Playground Equipment	Local	60,000			30,000	30,000		
509	Western Park Land	Local	500,000					500,000	
510	Playground Equipment--Kids Island	Local/Schools	120,000		120,000				
511	Watermen's Conference Center	Debt Issue	350,000						350,000
512	South Lawson Park Improvements	Local/Grant	150,000		30,000	120,000			
Total Parks and Recreation			\$ 2,603,000	\$ -	\$ 191,000	\$ 175,000	\$ 156,000	\$ -	\$ 1,731,000

FY 2005 - FY 2009+ CAPITAL IMPROVEMENT PLAN

	Funding Source	Total Estimated Cost	Prior Years Funding	Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	Beyond FY 2009
600 Economic Development									
601	Economic Development Projects	Local	150,000		75,000	50,000	25,000		
	Total Economic Development		\$ 150,000	\$ -	\$ 75,000	\$ 50,000	\$ 25,000	\$ -	\$ -
900 Miscellaneous									
901	Building and Property Maintenance	Local	170,000		40,000	30,000	25,000	25,000	25,000
902	Geographic Information System	Local	230,000		56,000	79,000	95,000		
903	Financial Hardware Replacement	Local	58,000			58,000			
904	Library Operating System Upgrade	Local	69,300		28,600	40,700			
905	City Hall Generator Upgrade	Local	81,000					81,000	
906	Horizontal & Vertical Reference Marks	Local	37,620	30,000	7,620				
	Total Miscellaneous		\$ 645,920	\$ 30,000	\$ 132,220	\$ 207,700	\$ 120,000	\$ 25,000	\$ 106,000
	TOTAL GENERAL GOVERNMENT		\$27,877,440	\$ 380,263	\$ 3,003,957	\$ 8,132,900	\$6,662,300	\$ 3,245,000	\$ 2,834,800

FY 2005 - FY 2009+ CAPITAL IMPROVEMENT PLAN

	Funding Source	Total Estimated Cost	Prior Years Funding	Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	Beyond FY 2009
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OTHER FUNDS

SEWER FUND

S2	Sewer Main Inspection	Sewer Fund	380,000		30,000	70,000	70,000	70,000	70,000	70,000
S5	Pump Station #2 Rehab	Sewer Debt	500,000			500,000				
S6	Utility Truck	Sewer Fund	30,000				30,000			
TOTAL SEWER FUND			\$ 910,000	\$ -	\$ 30,000	\$ 570,000	\$ 100,000	\$ 70,000	\$ 70,000	\$ 70,000

SOLID WASTE FUND

SW1	Refuse Truck	Solid Waste	268,000		128,000					140,000
SW2	Debris Removal Truck	Solid Waste	90,000			90,000				
SW4	Pickup Truck	Solid Waste	25,000					25,000		
TOTAL SOLID WASTE FUND			\$ 383,000	\$ -	\$ 128,000	\$ 90,000	\$ -	\$ 25,000	\$ -	\$ 140,000

PARKS & RECREATION FUND

P1	Pool Indoor Conversion	Debt Issue	90,000			90,000				
P2	Pool Decking Refurbishment	Local	25,000		25,000					
TOTAL PARKS & RECREATION FUND			\$ 115,000	\$ -	\$ 25,000	\$ 90,000	\$ -	\$ -	\$ -	-

TOTAL CAPITAL IMPROVEMENT PLAN	\$29,285,440	\$ 380,263	\$ 3,186,957	\$ 8,882,900	\$6,762,300	\$ 3,340,000	\$ 2,904,800	\$ 3,828,220
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Project Category: 900 -- Miscellaneous	Project Number and Title: 901. Building and Property Maintenance
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Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$170,000		\$40,000	\$30,000	\$25,000	\$25,000	\$25,000	\$25,000
DESCRIPTION							

Project Description:

The City has various repairs and maintenance of facilities that need to be done regularly.

Project Status:

Ongoing

Project Justification:

Items wear out, get damaged and need repair constantly. In the past, Council appropriated these items on an individual basis. This would set aside money on a regular basis to use as needed.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
FY 2005	\$ 40,000	General Fund Appropriations	
FY 2006	30,000	FY 2005	\$ 40,000
FY 2007	25,000	FY 2006	30,000
FY 2008	25,000	FY 2007	25,000
FY 2009	25,000	FY 2008	25,000
Beyond FY 2009	<u>25,000</u>	FY 2009	25,000
		Beyond FY 2009	<u>25,000</u>
Total	<u>\$ 170,000</u>	Total	<u>\$ 170,000</u>

Project Category:
900 -- Miscellaneous

Project Number and Title:
901. Building and Property Maintenance

Effect on Operating Budget:

Theoretical decrease in operating expenses, as items are better maintained they need less maintenance.

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	N/A

Time Frame Analysis:

Ongoing

Relation to Other Projects:

None

Other Information:

None

Project Category: 900 -- Miscellaneous	Project Number and Title: 902. Geographic Information System
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Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$230,000		\$56,000	\$ 79,000	\$95,000			
DESCRIPTION							

Project Description:

This project includes a Geographic Information System (GIS), right-of-way monumentation, and mapping of the City's streets, utilities, shorelines, Chesapeake Bay Preservation Areas, etc. A GIS is a computer database that is tied directly to maps of the City. It is useful for keeping track of vast amounts of vital information and makes it easier for employees to answer citizen questions. It is also useful for locating items and passing locations on to others. For example, during emergency operations with a handheld GPS coordinates of downed power poles, fallen trees, damaged roadways, etc. can be located and other parties made aware of the problems extremely quick. The City will use aerial photographs to digitally map the City's roadways and shoreline. Surveyors have and will continue to locate and monument all City right-of-ways. This would include Courthouse and VDOT research, field surveys, placing monuments/property pins, platting rights-of-way, and re-platting any affected adjacent properties. The City will use the base map to add many layers of information (i.e. Chesapeake Bay Preservation Areas, topography, locations of fire hydrants, utility lines, voter districts, flood zones, zoning districts, etc.). The GIS began in direct response to CBLAD, who requested accurate maps of the City, but in the future will serve as the major database for all City departments and citizens of Poquoson.

Project Status:

The State has provided the digital photos to the City from a statewide flyover.

Project Justification:

This project will:

- Increase City Departments' efficiency in providing data to citizens and businesses;
- Increase the ability to plan for orderly repair of the City's infrastructure by having an accurate inventory of what is installed as well as when and where it was installed which is especially helpful in disaster situations; and
- Provide much needed information to all departments in the City to facilitate planning and decision-making, as well as evaluate current and future trends.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Parcel Conversion	\$31,000	General Fund Appropriation	
Parcel Deed Research	25,000	FY 2005	\$ 56,000
Update Parcel Layers Per Deeds	38,000	FY 2006	79,000
Land Development Software	30,000	FY 2007	<u>95,000</u>
Computer Equipment	11,000	Total	<u>\$230,000</u>
Assessment Office Software	35,000		
Future Overlays	<u>60,000</u>		
Total	<u>\$230,000</u>		

Project Category:
900 -- Miscellaneous

Project Number and Title:
902. Geographic Information System

Project Justification Continued:

The foundation of the GIS is an accurate digital map of the City to which a computer database is attached. The Geographic Information System is capable of tracking and graphically displaying an immense amount of important information. This information is stored in layers and databases, enabling the operator to turn assorted information on and off. Some of the information to be tracked by the GIS is as follows:

- Topography
- City property lines necessary for maintenance, subdivision and site plan review, and local issues;
- Property lines, rights-of-way, and physical features such as shorelines;
- Shoreline information such as erosion rates, wave energies, shoreline stabilization measures, water access points, etc.;
- Stormwater information such as easements, ditches, storm drain locations, types and sizes, inverts, rim elevations, ditch cleaning schedules, etc.;
- Parcel information such as tax map number, size of lot, impervious area, size of structures on the property, number of bedrooms, baths, etc. as used by the assessor;
- Roadway details such as repaving schedules, pavement thickness, pavement condition;
- Voter districts and Census information;
- Zoning, Flood Zone, and Chesapeake Bay Area Overlays;
- Parks and Recreation Areas with details about each (pump out facilities, soccer fields, etc.);
- Location of sewer lines, manholes, pump stations, maintenance schedules, problem areas, sections to be replaced or upgraded, etc.;
- All utilities to include water lines, gas lines, cable lines, phone lines, etc.;
- Areas of crime, speeding, domestic violence, fire, EMS incidents, etc.;

Layers would be updated daily, therefore everyone in the City would have immediate access to up-to-date information. Certain layers would be designated for authorized City staff only and would not be available to the general public. The city will continue to grow which requires more staff to service the residents. A GIS is needed to postpone and minimize hiring future staff for the City.

Effect on Operating Budget:

This project will require one additional employee to maintain the system, continuously input data updates, help departments use the system to its full potential, and update the system as more uses are discovered. There will also be hardware, software, maintenance and training costs on the computerized system.

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	1
Additional salary costs	(\$45,000)
Additional other expenses	(\$5,000)
Net effect on annual operating budget	(\$50,000)

Time Frame Analysis:

Project Schedule: Various dates throughout implementation of project. Topography is required now to prepare for the EPA's requirement for Poquoson to comply with Phase II of National Pollution Discharge Elimination System (NPDET) stormwater management regulations.

Project Category:
900 -- Miscellaneous

Project Number and Title:
903. Financial Hardware Replacement

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$58,000			\$58,000				

DESCRIPTION

Project Description:

Replace AS-400 computer hardware, which hosts the BAI municipal financial software.

Project Status:

This was originally adopted in the FY 2002 CIP as a FY 2005 purchase, but has been moved out to a FY 2006 purchase.

Project Justification:

Computer hardware has a limited life and will need to be replaced every 5 years.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Computer Hardware	<u>\$58,000</u>	General Fund Appropriation	<u>\$58,000</u>

Project Category:

900 – Miscellaneous

Project Number and Title:

903. Financial Hardware Replacement

Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	N/A

Time Frame Analysis:

Purchase date	July 1, 2005
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Relation to Other Projects:

None

Other Information:

None

Project Category: 900 -- Miscellaneous	Project Number and Title: 904. Library Operating System Upgrade
--------------------------------------------------	---------------------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$69,300		\$28,600	\$40,700				

DESCRIPTION

Project Description:

Upgrade current library text-based information management system (Dynix) to a window-based operating system (Horizon). The new system will provide window-based capability to cataloging, circulation, acquisition, and information portal services to library patrons.

Project Status:

Preliminary engineering estimate has been received. The public access module (informational portal) to be installed in July 2004 and the remaining upgrade functions to be installed in FY 2006.

Project Justification:

Horizon will provide a web-based access to the library's collection and services. The new system will enable library patrons to access library information in the library and from home or office via the Internet. The library's current phone dial up access (Dial PAC) is not compatible with cable users. Patrons with cable connection to the Internet will not be able to access the library collection outside the library.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Library Operating System Upgrade	<u>\$69,300</u>	General Fund Appropriation	
		FY 2005	\$28,600
		FY 2006	<u>\$40,700</u>
		Total	<u>\$69,300</u>

Project Category:

900 – Miscellaneous

Project Number and Title:

904. Library Operating System Upgrade

Effect on Operating Budget:

The equipment would require a maintenance contract.

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	(\$4,000)
Net effect on annual operating budget	(\$4,000)

Time Frame Analysis:

Project Schedule

Start up date: July 2004

Completion date: June 2006

Relation to Other Projects:

None

Other Information:

None

Project Category:
900 -- Miscellaneous

Project Number and Title:
905. City Hall Generator Upgrade

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$ 81,000						\$ 81,000	
DESCRIPTION							

Project Description:

To wire the City Hall building compatible for generator usage during power outages for the remaining 90% of the building.

Project Status:

New Project.

Project Justification:

During Hurricane Isabel in September 2003, the building only had approximately 10% of effective usage until the power was restored. The government building was without power for longer than 72 hours.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Wiring & Installation	\$23,000	General Fund Appropriation	<u>\$81,000</u>
Generator	<u>\$58,000</u>		
	<u>\$81,000</u>		

Project Category:
900 -- Miscellaneous

Project Number and Title:
905. City Hall Generator Upgrade

Effect on Operating Budget:

No effect

Estimated effect of completed project on operating budget:

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	N/A

Time Frame Analysis:

Purchase/Installation FY 2009

Relation to Other Projects:

None

Other Information:

None

Project Category: 900 -- Miscellaneous	Project Number and Title: 906. Horizontal and Vertical Reference Marks
--------------------------------------------------	----------------------------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$37,620	\$30,000	\$7,620					
DESCRIPTION							

Project Description:

This project includes the installation and second-order referencing of 60 permanent horizontal and vertical reference marks throughout the city.

Project Status:

The current reference marks system is comprised of 22 vertical reference marks. The marks range from a 1942 geodetic disk in concrete to unreliable spikes in telephone poles. Only 15 marks are considered reliable by surveyor standards of general practice. The city does not currently have horizontal reference marks. This uses \$30,000 previously set aside for GIS to start the project.

Project Justification:

Reference marks are important to the infrastructure of the city as surveyors use these marks for referencing boundary lines and building elevations. Constructing proper building elevations from reliable marks is essential for public safety. The marks will also be used for developing a reliable GIS for the city.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Horizontal and Vertical Reference Marks Construction and Survey of 54 marks 54 marks x \$696.67 each		General Fund Appropriation	
		Prior Year Funding FY 2005	\$ 30,000 <u>7,620</u>
Total	<u>\$ 37,620</u>	Total	<u>\$37,620</u>

Project Category: 900 -- Miscellaneous	Project Number and Title: 906. Horizontal and Vertical Reference Marks
--------------------------------------------------	----------------------------------------------------------------------------------

Effect on Operating Budget:

None. Reference marks will be constructed to be maintenance free.

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	N/A

Time Frame Analysis:

Construction	July 2004
Survey	October 2004

Relation to Other Projects:

902. GIS System. This project should precede the parcel conversion.

Other Information:

None.

Project Category: 500 -- Parks & Recreation	Project Number and Title: 503. Park Lighting
-------------------------------------------------------	--------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$126,000				\$126,000			
DESCRIPTION							

Project Description:

Provide lighting at athletic fields in the City's parks. Suggested locations include Municipal Park or South Lawson Park.

Project Status:

The lights were originally included in the FY 1999 CIP as a FY 2002 and FY 2003 project. Due to lack of funding in the Annual Budget, the project was not completed and was placed in the FY 2003 CIP as a FY 2005 project. In the FY 2005 CIP, this project is moved out to a FY 2007 project.

Project Justification:

The Parks and Recreation Department schedules fields for soccer, baseball, softball, and other sports. Only a few fields have lighted facilities; therefore, evening sports programming is limited. Lighting this complex would allow for greater use.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Lights	<u>\$126,000</u>	General Fund Appropriation	<u>\$126,000</u>

Project Category: 500 -- Parks & Recreation	Project Number and Title: 504. Recreation Center
-------------------------------------------------------	------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$1,231,000						\$1,231,000	
DESCRIPTION							

Project Description:

Construct a new 24,000 square foot facility that will be attached to the existing swimming pool. The pool will have an air support structure to cover it for use during the winter months.

Project Status:

Project was identified in the FY 2001 CIP and in the FY 2003 CIP the project was moved to “Beyond FY 2007” and now is scheduled as a project for FY 2009.

Project Justification:

This has been identified as needed in the City’s Comprehensive Plan and the Parks & Recreation Long Range Master Plan. The proposed project has been supported by virtually every athletic organization in the City and has been recognized in several community surveys as a needed addition.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
A&E	\$ 50,500	Debt Issue: Estimated annual payment over a 20-year loan is \$98,779 per year.	
Construction	1,105,500		
Equipment	25,000		
Furnishings	25,000		
Other	<u>25,000</u>		
Total	<u>\$1,231,000</u>		

Project Category: 500 -- Parks & Recreation	Project Number and Title: 504. Recreation Center
-------------------------------------------------------	------------------------------------------------------------

Effect on Operating Budget:

The City may go into partnership with a hospital or fitness provider who would provide a major portion of staffing for the center. The fitness provider would share in profits and operating costs. Operating costs would be recovered through user fees; however, debt service costs would be covered by General Fund Appropriation.

Estimated effect of completed project on operating budget

Increased revenue	\$84,000
Decreased operating expenses	N/A
Number of new positions	4
Additional salary costs	(\$140,000)
Additional other expenses	(\$40,000)
Debt Service	(\$98,779)
Net effect on annual operating budget	(\$194,779)

Time Frame Analysis:

Project Schedule

Design of project	January 2008
Bid date	May 2008
Construction start date	July 2008
Completion date	January 2009

Relation to Other Projects:

This project is related to the pool indoor conversion.

Other Information:

Proposed Recreation Center



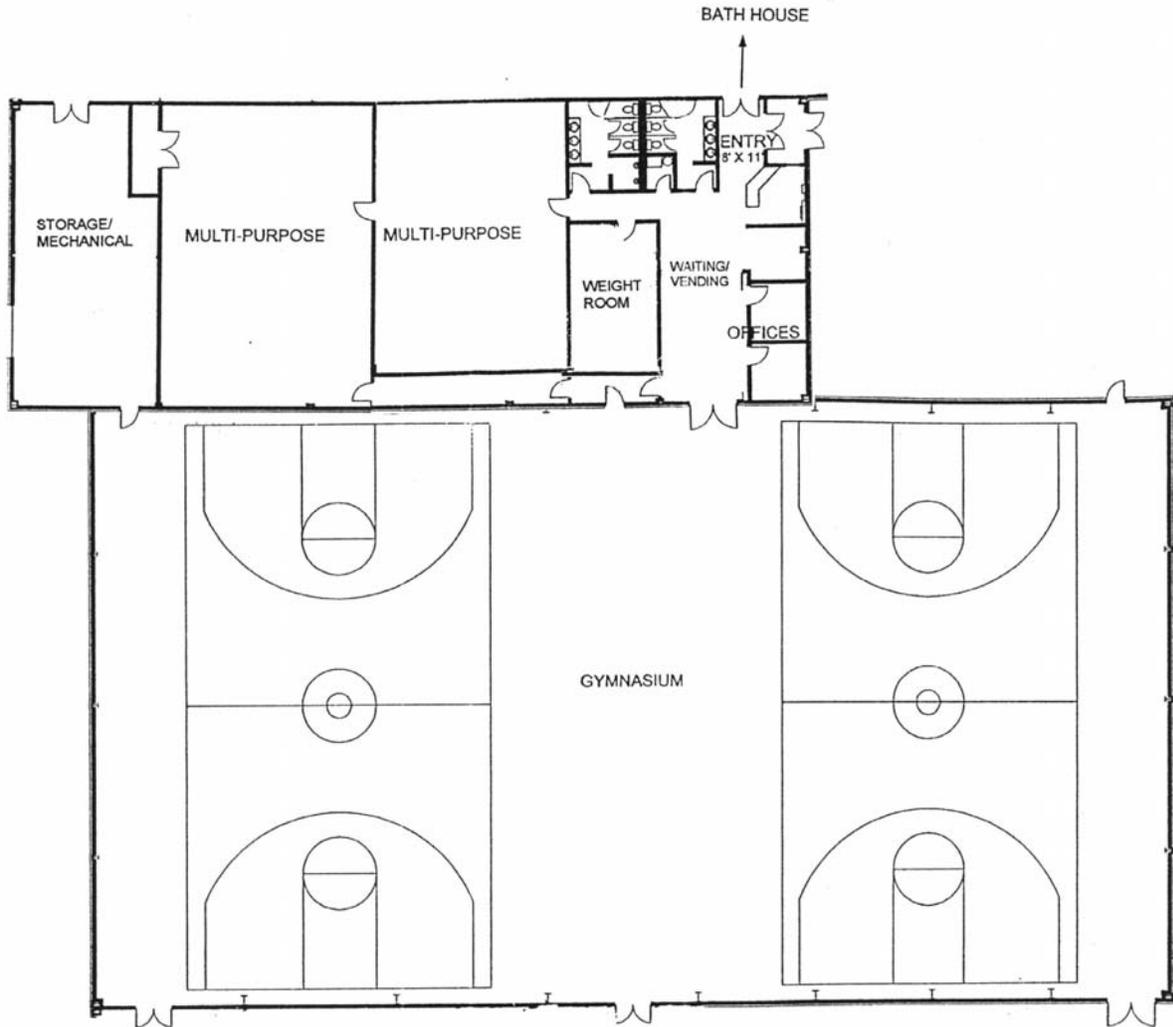
Project Category:
500 -- Parks & Recreation

Project Number and Title:
504. Recreation Center



Project Category:
500 -- Parks & Recreation

Project Number and Title:
504. Recreation Center



Project Category: 500 -- Parks and Recreation	Project Number and Title: 505. Park Improvements
---------------------------------------------------------	------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$35,000		\$10,000	\$25,000				
DESCRIPTION							

Project Description:

This project would address several park improvements for Phillips Park, Municipal Park, and South Lawson Park. Some projects include:

- Lighting, wiring and control upgrades to Phillips Park Tennis Courts,
- Installation of a sewer line to Firth Field Restrooms,
- Replace damaged fence at Municipal Baseball Field, Park Street and Firth ball fields,
- Install privacy fence by funeral home,

Project Status:

In the FY 2003 CIP, this was identified as a new project for funding in FY 2003. In FY 2005, funds will be needed to address several park improvements that have been delayed.

Project Justification:

These improvements are necessary due to the heavy usage of these facilities and the community will continue to benefit from these improvements. There are health and safety concerns for delaying some projects which include, electrical problems at the tennis courts and sewerage overflow of the septic tank at Firth Field if the project is delayed.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Improvements	<u>\$35,000</u>	General Fund Appropriation	<u>\$35,000</u>

Project Category: 500 -- Parks & Recreation	Project Number and Title: 505. Park Improvements
-------------------------------------------------------	------------------------------------------------------------

Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	N/A

Time Frame Analysis:

Complete various projects within FY 2005 and FY 2006.

Relation to Other Projects:

None.

Other Information:

None.

Project Category: 500 -- Parks and Recreation	Project Number and Title: 506. Pickup Truck
---------------------------------------------------------	-------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$31,000		\$31,000					
DESCRIPTION							

Project Description:

This project is to replace a 1986 Chevrolet ½ ton pick-up truck currently assigned for use in parks maintenance. The desired replacement is a 1-ton chassis with hoistable steel plate contractor’s flat or dump body.

Project Status:

This was originally adopted in the FY 2002 CIP; in the FY 2003 CIP this was identified as a FY 2004 project, but due to limited funding in the Annual Budget, this project was not funded. It is proposed as a FY 2005 project.

Project Justification:

The current vehicle will be 19 years old when replaced and mileage in excess of 111,000 miles. During the last fiscal year, vehicle repair expenses have exceeded the city’s acquisition cost for the vehicle. It can be anticipated that these costs will continue to rise as the vehicle ages.

The proposed replacement is a heavier duty vehicle configured to better suit its primary use as a grounds maintenance vehicle. Being a flat (dump capable) bed truck will allow for transportation of bulk bedding and grounds materials which can be easily unloaded, instead of current practice of unloading by hand. The replacement vehicle would be of sufficient size and durability to safely tow the department’s equipment trailers and portable stage.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Purchase One Ton Pickup	<u>\$31,000</u>	General Fund Appropriation	<u>\$31,000</u>

Project Category: 500 -- Parks & Recreation	Project Number and Title: 506. Pickup Truck
-------------------------------------------------------	-------------------------------------------------------

Effect on Operating Budget:

Current vehicle is experiencing high maintenance costs. New vehicle should reduce these by \$1,000 per year.

Estimated effect of completed project on operating budget	
Increased revenue	N/A
Decreased operating expenses	\$2,000
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	(\$1,000)
Net effect on annual operating budget	\$1,000

Time Frame Analysis: FY 2005

Relation to Other Projects:

None

Other Information: Proposed New Truck



1986 Chevrolet Repairs

	FY 2001	FY 2002	FY 2003	Total
Parts	315	135	1,164	1,614
Labor	601	271	580	1,452
Outside Repairs	0	0	291	291
Total	916	406	2,035	3,357

Project Category: 500 -- Parks and Recreation	Project Number and Title: 508. Playground Equipment
---------------------------------------------------------	---------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$60,000			\$30,000	\$30,000			
DESCRIPTION							

Project Description:

This project is to install new playground equipment in three parks. Municipal Park would receive a new modular playset and combination of freestanding pieces designed for children ages 2-5 and 5-12. South Lawson Park would receive a modular play set designed for 5-12 year olds and a combination of freestanding pieces for ages 2-5. The third location is a new play lot on Messick Road that would receive a combination of a modular play set and freestanding pieces for both age groups.

Project Status:

In the FY 2003 CIP this was identified as a new project.

Project Justification:

There are no playgrounds in the City designed for toddlers other than one outdated toddler swing set in Municipal Park. Kids Island offers no play structures designed for children ages 2-5. The play structures in Municipal Park and South Lawson Park are over 20 years old. One was severely damaged by fire, the other is full of blistered lumber and is a safety hazard. Due to their age, replacement parts are no longer available. The new playground on Messick Road will provide children located further away from Kids Island access to basic play structures. These structures will be of steel construction, eliminating the need for intensive maintenance as currently required for Kids Island and will last decades longer.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Playground Equipment	<u>\$60,000</u>	General Fund Appropriation	
		FY 2006	\$ 30,000
		FY 2007	<u>30,000</u>
		Total	<u>\$ 60,000</u>

Project Category:
500 -- Parks & Recreation

Project Number and Title:
508. Playground Equipment

Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	0
Additional salary costs	\$0
Additional other expenses	\$0
Net effect on annual operating budget	\$0

Time Frame Analysis:

FY 2006 and FY 2007

Relation to Other Projects:

None

Other Information:

Sample play structures



Project Category: 500 -- Parks & Recreation	Project Number and Title: 509. Western Park Land
-------------------------------------------------------	------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$500,000						\$500,000	
DESCRIPTION							

Project Description:

This project proposes to acquire 15 to 20 acres of land on the western side of the City for a new park. This park would feature a complex of athletic fields to provide relief to the existing athletic fields. While no final determination has been made as to the make up of the complex, current use projections suggest the need for two to three multipurpose fields capable of supporting sports such as football, soccer and field hockey. Fields for baseball and softball will also be needed in order to reduce overuse of existing facilities. The park would also feature walking paths, picnic shelter/tables, playground and hard surface courts for basketball and PE style games.

Project Status:

This project was first introduced in FY 2000 and in the FY 2003 CIP was identified as a Beyond FY 2007 project. In the FY 2005 CIP, it is moved to a FY 2009 project.

Project Justification: There are currently no park areas provided for the residents of the west side of the City. This project would give some balance to our park locations and provide much needed expansion space for athletic facilities. Further, the acquisition of additional field space will reduce the level of maintenance presently required.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Land	<u>\$500,000</u>	General Fund Appropriation	<u>\$500,000</u>
		Note: This project could qualify for a Virginia Outdoor Fund grant as well as grants from the TEA21 Fund, VA Recreational Trails Fund and VA Recreational Access Fund. Also, some assistance may be provided from Poquoson Little League, Poquoson Youth Sports, American Legion and Back River Youth Sports.	

Project Category:
500 -- Parks and Recreation

Project Number and Title:
509. Western Park Land

Effect on Operating Budget:

This project is for land acquisition only. Park development project would be proposed in a future submission.

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	N/A

Time Frame Analysis:

Land acquisition date: July 2008

Relation to Other Projects:

This project will eliminate the need for the South Lawson Field Lighting project if acted upon.

Other Information:

Typical Sports Park

Sports Complex



Project Category: 500 -- Parks and Recreation	Project Number and Title: 510. Playground Equipment—Kids Island
---------------------------------------------------------	---------------------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$120,000		\$120,000					
DESCRIPTION							

Project Description:

This project is to update Kids Island by completely rebuilding the play equipment as a safe and easy to maintain playground that will serve the community. The School System has offered to become a partner in this project in manpower and funding. This would become the Primary School's main playground.

Project Status:

This is a new project that would be jointly funded between the City and the Schools. The School funding is proposed to be from carry-over funds.

Project Justification:

In addition to being an extremely high maintenance material for play structures, concerns have arisen about the safety of the chemicals used in the treatment process of the lumber. High concentrations of arsenic have been found on the surface of the lumber and in the ground surrounding the play structure. Kids Island has been inspected by a State playground safety inspector and has recommended that several play structures be removed due to their failure to comply with Consumer Product Safety Commission playground structures.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Playground Equipment	<u>\$120,000</u>	General Fund Appropriation	\$ 20,000
		Poquoson Public Schools	<u>100,000</u>
		Total	<u>\$120,000</u>

Project Category:
500 -- Parks & Recreation

Project Number and Title:
510. Playground Equipment—Kids Island

Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	0
Additional salary costs	\$0
Additional other expenses	\$0
Net effect on annual operating budget	\$0

Time Frame Analysis:

FY 2005

Relation to Other Projects:

None

Other Information:

Sample play structures



Project Category: 500 -- Parks & Recreation	Project Number and Title: 511. Watermen's Conference Center
-------------------------------------------------------	-----------------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$350,000							\$350,000

DESCRIPTION

Project Description:

This project is to construct a small conference center at Messick Point as part of a master development plan for this area. The conference center would include meeting space for two concurrent meetings of up to 100 participants each, restrooms and kitchenettes. This facility would be similar to the conference center in Hampton at Sandy Bottom Nature Park. The facility would serve as an anchor for other development projects for the Messick Point property and would act as a focal point for attracting a variety of users to the area.

Project Status:

This is a new project.

Project Justification:

The City constantly faces a shortage of space for community/civic/private meetings. This project would relieve the shortage of space, encourage economic development at Messick Point and attract businesses to Poquoson for meetings and training events. This facility would fit well into the objectives of the Parks & Recreation Department.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Architecture	\$ 30,000	Debt Issue: Estimated annual payment at 5% interest over 20 year loan is \$28,085.	
Construction Cost	300,000		
Equipment & Furnishings	<u>20,000</u>		
Total	<u>\$350,000</u>		

Project Category: 500 -- Parks and Recreation	Project Number and Title: 511. Watermen's Conference Center
---------------------------------------------------------	-----------------------------------------------------------------------

Effect on Operating Budget:

This project is for the construction of the Watermen's Conference Center with the following financial effect on the budget, estimated 10 users per month @ \$100 per hour.

Estimated effect of completed project on operating budget	
Increased revenue	\$24,000
Decreased operating expenses	N/A
Number of new positions	.5 FTE
Additional salary costs	\$ (12,000)
Additional other expenses	\$ (10,000)
Debt Service	\$ (28,085)
Net effect on annual operating budget	\$ (26,085)

Time Frame Analysis:

Construction date: Beyond FY 2009

Relation to Other Projects:

None.

Project Category: 500 -- Parks & Recreation	Project Number and Title: 512. South Lawson Park Improvements
-------------------------------------------------------	-------------------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$150,000		\$30,000	\$120,000				

DESCRIPTION

Project Description:

This project would address necessary improvements for South Lawson Park.

Project Status:

The City purchased additional land and it is necessary to complete the construction of the park for use by citizens.

Project Justification:

These improvements are necessary due to the heavy usage of these facilities and the community will continue to benefit from these improvements.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Engineering for Park	\$ 30,000	General Fund Appropriation	<u>\$150,000</u>
New Road Entrance	100,000	The City plans to apply for grant funds from the VA Recreational Access Fund and/or the VA Outdoor Fund.	
Berm and Landscaping	<u>20,000</u>		
Total	<u>\$ 150,000</u>		

Project Category: Parks & Recreation Fund	Project Number and Title: P1. Municipal Pool Indoor Conversion
-----------------------------------------------------	--------------------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$90,000			\$90,000				
DESCRIPTION							

Project Description:

Provide an indoor, low-maintenance Bubble Cover for the Poquoson Municipal Pool. The structure would be lightweight, durable, and semi-translucent, thereby allowing natural illumination to augment pre-designed facility lighting.

Project Status:

This project was originally identified in the FY 1999 CIP as a Beyond FY 2003 project. In the 2002 CIP, the Project was moved to a FY 2005 project and in the FY 2003 CIP it moved to a FY 2003 project. For the FY 2005 Adopted CIP, this project was placed as a FY 2006 project.

Project Justification:

The Parks & Recreation Department programs the Municipal Pool to its fullest extent Memorial Day to Labor Day. However, compared to a possible year-round programming schedule the facility is operating at approximately 25% capacity. Covering the Pool would allow the Recreation Department to increase its aquatics programming four-fold, by allowing year-round pool access. New programs could be offered. Additionally there will be increased revenue from Pool Rental, Program Fees, and yearly membership fees, effectively underwriting a significant share of the initial project cost and covering the debt service and depreciation associated with it in the coming years.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Architectural	\$ 6,000	Debt Issue: Estimated annual payment at 5% interest over a 10-year life is \$11,655.	
Covering	70,000		
Equipment	10,000		
Furnishings	<u>4,000</u>		
Total	<u>\$ 90,000</u>		

Project Category: Parks and Recreation	Project Number and Title: P1. Municipal Pool Indoor Conversion
--------------------------------------------------	--------------------------------------------------------------------------

Effect on Operating Budget:

Operating costs, with the exception of depreciation, would be recovered through user fees.

Estimated effect of completed project on operating budget

Increased revenue	\$200,000
Decreased operating expenses	N/A
Number of new positions	8
Additional salary costs	(\$155,000)
Additional other expenses	(\$90,000)
Debt Service	(\$11,655)
Net effect on annual operating budget	(\$56,655)

Time Frame Analysis:

FY 2006

Relation to Other Projects:

None

Other Information:

Dome From Outside



Dome from Inside

Project Category: Parks & Recreation Fund	Project Number and Title: P2. Pool Decking Refurbishments
-----------------------------------------------------	---------------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$25,000		\$25,000					
DESCRIPTION							

Project Description:

This project consists of repairs to the joint between the concrete decking and coping around the edge of the swimming pool.

Project Status:

This is a new project.

Project Justification:

Over the years, the decking around the pool has cracked and settled. This has caused the joint area to become uneven and with a high possibility of causing someone to trip, stub toes and/or fall. There is also concern that with water getting into these cracks, freezing and expanding the condition will continue to worsen over time.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Repairs	<u>\$25,000</u>	General Fund Appropriation	<u>\$25,000</u>

Project Category: Parks and Recreation	Project Number and Title: P2. Pool Decking Refurbishments
--------------------------------------------------	---------------------------------------------------------------------

Effect on Operating Budget:

None

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	None

Time Frame Analysis:

FY 2005

Relation to Other Projects:

None

Other Information:

None

Project Category: 300 -- Public Safety – Police & Fire	Project Number and Title: 301. 1500 GPM Pumper
------------------------------------------------------------------	----------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$440,000		\$440,000					
DESCRIPTION							

Project Description:

This will replace a 1977 diesel truck (FD 0007), that pumps 1000-gallons per minute which will be thirty years old when replaced. The equipment requested will have a single front-tandem rear axle, minimum 430 HP engine, 1500 gallons per minute dual stage fire pump and a 300-gallon poly water tank. Equipment should last 20-25 years.

Project Status:

In the FY 2003 CIP, this project was categorized as a FY 2007 project. In the FY 2005 Adopted CIP, City Council moved this to a FY 2005 project.

Project Justification:

Fire engine replacement is vital to efficiency of the fire department. The existing piece of equipment has considerable down time leaving us with unreliable emergency equipment. Also, the parts for repairing the pumper are getting harder and harder to purchase.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
FY 2005		Debt Issue: Estimated annual payment at 5% interest over a 10 year loan is \$56,982 per year.	
Chassis purchase	\$132,000		
Equipment	<u>308,000</u>		
Total	<u>\$440,000</u>		

Project Category: 300 -- Public Safety -- Police & Fire	Project Number and Title: 301. 1500 GPM Pumper
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Effect on Operating Budget:

The purchase of this piece of apparatus will cause a decrease in the equipment maintenance budget, as a newer diesel vehicle will cost less to maintain than the older pumper that it will be replacing.

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	\$600
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Debt Service	(\$56,982)
Net effect on annual operating budget	(\$56,382)

Time Frame Analysis:

The chassis would need to be paid for and ordered approximately 9 months in advance of delivery of equipment.

Project Schedule

Order chassis	September 2004
Equipment delivery	May 2005

Relation to Other Projects:

None

Other Information:

Maintenance Costs –

FD 0007

	FY 2001	FY 2002	FY 2003	Total
Parts	2,334	1,222	452	4,008
Labor	1,354	1,024	1,268	3,646
Outside Repairs	175	1,046	13,441	14,662
Total	3,863	3,292	15,161	22,316

Project Category: 300 -- Public Safety – Police & Fire	Project Number and Title: 304. Fire Station #1 Replacement
------------------------------------------------------------------	----------------------------------------------------------------------

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$1,200,000	\$350,263	\$849,737					

DESCRIPTION

Project Description:

The original project was for the renovation of Fire Station #1; however, Hurricane Isabel caused extensive flood damage to the station on September 18, 2003. This Fire Station is no longer safe for use. It is proposed that the replacement station should have the same facilities that the former building had in addition to a community room and space for Fire Administration personnel. The life expectancy of the building is over 50 years.

Project Status:

This is a new project for the FY 2005 CIP.

Project Justification:

The rebuilding of Fire Station #1 is especially important since it is located in the eastern portion of the City. If the building is not replaced, the response time to this area would increase. Currently there is a temporary trailer located on the property that houses the shift personnel and limited equipment is in the area.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Design	\$ 70,000	Prior Year Appropriation	\$ 87,921
Construction	980,000	Insurance Recovery	262,342
Contents	<u>150,000</u>	Debt Issue	<u>849,737</u>
Total	<u>\$ 1,200,000</u>	Total	<u>\$ 1,200,000</u>
		Debt Issue: Estimated annual payment at 5% interest over 20 year loan is \$68,185.	

Project Category:

300 -- Public Safety -- Police & Fire

Project Number and Title:

304. Fire Station #1 Replacement

Effect on Operating Budget:

The replacement of Fire Station #1 would increase the Debt Service. This should be a more efficient building to maintain; however, the building will be larger.

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Debt Service	(\$68,185)
Net effect on annual operating budget	(\$68,185)

Time Frame Analysis:

Begin immediately.

Project Schedule

Design FY 2004
Construction FY 2005

Relation to Other Projects:

None

Other Information:

None

Project Category:
400 -- Public Works

Project Number and Title:
401. Pickup Trucks

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$166,000		\$58,000	\$25,000	\$55,000		\$28,000	
DESCRIPTION							

Project Description:

Replacement of various types of trucks during FY 2005 – FY 2009. The useful life of a new pickup truck is 10 years. VDOT replaces their gas engine pickup trucks every 6 years and diesel engine pickup trucks every 8 years.

Project Status:

Planned replacement of vehicles when they reach projected life expectancy.

Project Justification:

Pickup trucks are very high use pieces of equipment and unscheduled repairs can result in delays in performing scheduled maintenance.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Utility Truck	\$ 28,000	General Fund Appropriation FY 2005	\$ 58,000
1 Ton Crew Cab Truck	30,000	FY 2006	25,000
Truck	25,000	FY 2007	55,000
Utility Truck	30,000	FY 2009	<u>28,000</u>
Van	25,000		
Truck	<u>28,000</u>		
Total	<u>\$166,000</u>	Total	<u>\$166,000</u>

Project Category: 400 -- Public Works	Project Number and Title: 401. Pickup Trucks
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Effect on Operating Budget:

Decrease in Maintenance Budget

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	Decrease in Maintenance Budget
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	Decrease

Time Frame Analysis:

Various

Relation to Other Projects:

None

Other Information:

- FY 2005 Replace 1987 Ford Bronco (PW 31)
- FY 2005 Replace 1990 Ford 1-ton truck (PW 2)
- FY 2006 Replace 1994 Ford (PW 61)
- FY 2007 Replace 1994 Utility Ford ¾ ton truck (PW 1)
- FY 2007 Replace 1993 Ford van (PW 30)
- FY 2009 Replace 1997 Chevrolet ¾ ton truck (MD 33)

PW 31

PW 2

	FY 2001	FY 2002	FY 2003	Total	FY 2001	FY 2002	FY 2003	Total
Parts	365	1,391	1,030	2,786	563	618	353	1,534
Labor	1,708	949	697	3,354	897	420	448	1,765
Outside Repairs	0	0	250	250	0	0	0	0
Total	2,073	2,340	1,977	6,390	1,460	1,038	801	3,299

PW 61

PW 1

	FY 2001	FY 2002	FY 2003	Total	FY 2001	FY 2002	FY 2003	Total
Parts	299	702	1,270	2,271	1,573	1,086	343	3,002
Labor	360	493	1,445	2,298	686	1,036	394	2,116
Outside Repairs	0	0	80	80	0	0	184	184
Total	659	1,195	2,795	4,649	2,259	2,122	921	5,302

Project Category:
400 -- Public Works

Project Number and Title:
403. Dump Truck

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$62,000					\$62,000		
DESCRIPTION							

Project Description:

Replacement of a 1997 dump truck in FY 2008 (PW4). The useful life of a dump truck is 10 years by VDOT standards.

Project Status:

The FY 2008 purchase is a new request.

Project Justification:

The dump truck is necessary when working on infrastructure maintenance and is necessary to have dependable equipment on every day basis.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
FY 2008	<u>\$ 62,000</u>	General Fund Appropriation	<u>\$ 62,000</u>
Total	<u>\$ 62,000</u>		

Project Category: 400 -- Public Works	Project Number and Title: 403. Dump Truck
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Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	Decrease in Maintenance Budget
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	Decrease

Time Frame Analysis:

FY 2008

Relation to Other Projects:

None

Other Information:

Maintenance Costs

PW4

	FY 2001	FY 2002	FY 2003	Total
Parts	1,146	287	310	1,743
Labor	1,196	686	582	2,464
Outside Repairs	0	1,150	0	1,150
Total	2,342	2,123	892	5,357

Project Category: 400 -- Public Works	Project Number and Title: 405. Hook Lift Truck
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Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$60,000			\$60,000				
DESCRIPTION							

Project Description:

Replacement of a 1989 Hook lift truck (MD7) with a 20,000 GVW truck equipped with lifting and dumping system. This unit is supplied with 2 dump bodies and one flat bed.

Project Status:

The FY 2006 purchase is a new request.

Project Justification:

This piece of equipment is used daily for drainage maintenance.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Truck	<u>\$ 60,000</u>	General Fund Appropriation FY 2006	<u>\$ 60,000</u>

Project Category: 400 -- Public Works	Project Number and Title: 405. Hook Lift Truck
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Effect on Operating Budget

Maintenance costs will decrease on replacement equipment.

Estimated effect of completed project on operating budget	
Increased revenue	N/A
Decreased Operating expenses	Decrease in Maintenance Budget
Number of new positions	0
Additional salary costs	0
Additional other expenses	N/A
Net effect on annual operating budget	Decrease

Time Frame Analysis:

FY 2006

Relation to Other Projects:

None

Other Information:

Maintenance Costs **MD7**

	FY 2001	FY 2002	FY 2003	Total
Parts	614	403	264	1,281
Labor	1,261	1,052	630	2,943
Outside Repairs	500	0	0	500
Total	2,375	1,455	894	4,724

Project Category:
400 -- Public Works

Project Number and Title:
406. Backhoe Front-End Loader

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$80,000			\$80,000				
DESCRIPTION							

Project Description:

Replacement of a 1987 JCB Backhoe front-end loader (PW14).

Project Status:

This was originally approved in the FY 2001 CIP and in the FY 2003 CIP was identified as a FY 2005 project and in the FY 2005 CIP is moved to a FY 2006 project.

Project Justification:

Over the past 10 years repair costs have increased.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Equipment	<u>\$80,000</u>	General Fund Appropriation	<u>\$80,000</u>

Project Category: 400 -- Public Works	Project Number and Title: 406. Backhoe Front-End Loader
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Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	Decrease in maintenance cost
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	Decrease in maintenance cost

Time Frame Analysis:

FY 2006

Relation to Other Projects:

None

Other Information:

Maintenance Costs

PW 14

	FY 2001	FY 2002	FY 2003	Total
Parts	818	453	1,500	2,771
Labor	658	722	649	2,029
Outside Repairs	6,648	867	2,856	10,371
Total	8,124	2,042	5,005	15,171

Project Category: 400 -- Public Works	Project Number and Title: 407. Public Works Compound
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Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$2,100,000			\$100,000		\$2,000,000		
DESCRIPTION							

Project Description:

Renovation of existing Public Works building and compound area and City Garage.

Project Status:

The need to relocate was identified in the FY 1999 CIP. In the FY 2003 CIP, the focus changed to renovation and an addition to the existing building.

Project Justification:

The Public Works Yard is located between the Poquoson High School, the Poquoson Primary School and the City Municipal Park. The renovation of the existing building would include the addition of a second floor to accommodate the following: larger bathroom, lockers, a women's bathroom, large lunch room that could be used for training, sign fabrication room, office space, conference room and storage.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Architectural & Engineering	\$ 100,000	Debt Issue: Estimated annual payment at 5% interest over a 20-year loan is \$168,509 per year.	
Construction	1,800,000		
Equipment	150,000		
Furnishings	20,000		
Fence	<u>30,000</u>		
Total	<u>\$2,100,000</u>		

Project Category: 400 -- Public Works Department	Project Number and Title: 407. Public Works Compound
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Effect on Operating Budget:

The renovated building would be larger and would have increased operating and maintenance costs.

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	(\$10,000)
Debt Service	(\$178,509)
Net effect on annual operating budget	(\$178,509)

Time Frame Analysis:

Architectural & Engineering	FY 2006
Construction, Equipment, Furnishings & Fence	FY 2008

Relation to Other Projects:

None

Other Information:

None

Project Category:
400 -- Public Works

Project Number and Title:
408. Utility Tractor

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2005	Year 2 FY 2006	Year 3 FY 2007	Year 4 FY 2008	Year 5 FY 2009	BEYOND FY 2009
\$25,000		\$25,000					
DESCRIPTION							

Project Description:

Replacement of a 1978 Massey Ferguson Utility Tractor (PW 25).

Project Status:

The FY 2005 purchase is a new request.

Project Justification:

This piece of equipment is used daily for drainage maintenance.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Equipment	<u>\$ 25,000</u>	General Fund Appropriation FY 2005	<u>\$ 25,000</u>

Project Category: 400 -- Public Works	Project Number and Title: 408. Utility Tractor
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Effect on Operating Budget

None.

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased Operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	N/A

Time Frame Analysis:

FY 2005

Relation to Other Projects:

None

Other Information:

Maintenance Costs **PW 25**

	FY 2001	FY 2002	FY 2003	Total
Parts	16	303	0	319
Labor	212	101	22	335
Outside Repairs	40	0	0	40
Total	268	404	22	694