

Project Category: 300 -- Public Safety – Police & Fire		Project Number and Title: 301. 1500 GPM Pumper					
		UNAPPROPRIATED SUBSEQUENT YEARS					
Total Estimated Cost	Appropriation To Date	Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$705,000		\$330,000				\$375,000	
DESCRIPTION							

Project Description:

The Year 1 Pumper will replace a 1976 gasoline engine (FD 0009) and the Year 5 Pumper will replace a 1977 diesel truck (FD 0007), both pump 1000-gallons per minute. They will be twenty-seven and thirty years old respectively 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 20-30 years.

Project Status:

The FY 2003 equipment purchase was originally included in the FY 1999 and the FY 2007 equipment purchase was originally included in the FY 2002 CIP and categorized as a Beyond FY 2006 purchase.

Project Justification:

Fire engine replacement is vital to efficiency of the fire department. The FY 2003 equipment will replace the last major piece of gasoline-powered equipment in the fire department inventory. Gasoline powered fire engines have long been recognized as obsolete. Both pieces of equipment have considerable down time leaving us with unreliable emergency equipment.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
FY 2003			
Chassis purchase	\$100,000	Lease/purchase agreement or other debt	
Equipment	230,000	financing of 10 year financing at 5.5%:	
Total	<u>\$330,000</u>		
FY 2007			
Chassis purchase	\$113,000	\$330,000: approximately \$43,780 per year.	
Equipment	262,000	\$375,000: approximately \$49,750 per year.	
Total	<u>\$375,000</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) annual maintenance
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	(\$600) annual maintenance

Time Frame Analysis:

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

Project Schedule

	FY 2003 Equipment	FY 2007 Equipment
Order chassis	July 2002	July 2006
Equipment delivery	March 2003	March 2007

Relation to Other Projects:

None

Other Information:

Maintenance Costs –

	FD 0009			FD 0007		
	FY 1999	FY 2000	FY 2001	FY 1999	FY 2000	FY 2001
Parts	230	352	809	1,171	2,476	2,488
Labor	2,012	1,344	1,103	2,700	4,056	1,930
Outside Repairs	86	0	0	3,323	6,115	175
Total	2,328	1,696	1,912	7,194	12,647	4,593

Project Category: 300 -- Public Safety – Police & Fire		Project Number and Title: 303. Air Bottle Replacement					
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
\$43,200		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
		\$21,600	\$21,600				
DESCRIPTION							

Project Description:

This equipment will replace composite breathing air bottles. These bottles are used as an air source for the breathing apparatus that is worn by firefighters when entering an atmosphere that is considered to be IDLH (Immediately Dangerous to Life and Health).

Project Status:

This project was originally included in the FY 2002 CIP, to be implemented in a two year period.

Project Justification:

The wearing and maintenance of this equipment is mandated under OSHA regulations and NFPA recommendations. Without these bottles firefighting staff would not be able to enter atmospheres that are IDLH and most firefighting activities would come to a halt. Once these composite bottles reach 15 years old they must be taken out of service and replaced. Currently there are 48 bottles that need replacement in the next few years.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Equipment	<u>\$43,200</u>	General Fund Appropriation FY 2003 FY 2004	\$21,600 <u>21,600</u>
		Total	<u>\$ 43,200</u>

Project Category:
300 -- Public Safety – Police & Fire

Project Number and Title:
303. Air Bottle 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:

Project Schedule

Purchase Date	July 2002 and July 2003
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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 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$109,000			\$26,000	\$26,000	\$30,000	\$27,000	
DESCRIPTION							

Project Description:

Replacement of various types of trucks during FY 2004 – FY 2007; with one being replaced each year. 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:

The replacement of one of the FY 2003 trucks was identified in the FY 1999 CIP as a FY 2002 purchase and in the FY 2001 CIP was moved to a FY 2001 purchase but due to lack of funding was never purchased; then in the FY 2002 CIP was adopted as a FY 2003 project. The second truck for FY 2003 was adopted in the FY 2002 CIP and identified as a 4 x 4 Pickup Truck as a FY 2003 purchase. The FY 2004 truck was identified as a One Ton Pickup and adopted in the FY 2002 CIP as a FY 2004 purchase. The FY 2005 truck was adopted in FY 2001 as a FY 2003 purchase; due to lack of funding was never purchased and then placed in the FY 2002 CIP as a FY 2005 purchase.

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
Truck	\$ 26,000	General Fund Appropriation	
Truck	26,000	FY 2004	\$26,000
Truck	30,000	FY 2005	26,000
Truck	<u>27,000</u>	FY 2006	30,000
Total	<u>\$109,000</u>	FY 2007	<u>27,000</u>
		Total	<u>\$109,000</u>

Project Category:
400 -- Public Works

Project Number and Title:
401. Pickup Trucks

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:

Purchase one vehicle each year during FY 2004 to FY 2007.

Relation to Other Projects:

None

Other Information:

FY 2004	Replace 1988 Chevrolet 3/4 ton truck (MD32)
FY 2005	Replace 1987 Ford Bronco (Car 31)
FY 2006	Replace 1990 Ford 1-ton truck (PW2)
FY 2007	Replace 1994 Ford 3/4 ton truck (PW1)

MD 32

Car 31

	FY 1999	FY 2000	FY 2001	FY 1999	FY 2000	FY 2001
Parts	827	1,505	364	1,231	1,473	364
Labor	876	2,248	820	1,116	1,588	1,708
Outside Repairs	394	0	105	0	1,734	0
Total	2,097	3,753	1,289	2,347	4,795	2,072

PW2

PW1

	FY 1999	FY 2000	FY 2001	FY 1999	FY 2000	FY 2001
Parts	333	566	563	476	160	1,573
Labor	498	518	897	788	736	686
Outside Repairs	0	0	0	0	1,644	0
Total	831	1,084	1,460	1,264	2,540	2,259

Project Category:
400 -- Public Works

Project Number and Title:
402. Van with Aerial Lift

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$42,000					\$42,000		

DESCRIPTION

Project Description:

Purchase one-ton van with aerial lift basket for traffic light and street maintenance.

Project Status:

This was originally identified in the FY 1999 CIP as a FY 2003 project, in the FY 2001 CIP as a Beyond FY 2005 project and in the FY 2002 CIP as a FY 2006 project. This is not a replacement vehicle.

Project Justification:

This type of equipment will be needed to maintain the traffic signals installed on Wythe Creek Road and future signals. It will also be used for sign maintenance.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Equipment	<u>\$42,000</u>	General Fund Appropriation	<u>\$42,000</u>

Project Category: 400 -- Public Works	Project Number and Title: 402. Van with Aerial Lift
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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 2006

Relation to Other Projects:

None

Other Information:

None

Project Category: 400 -- Public Works		Project Number and Title: 403. Dump Truck					
Total Estimated Cost		UNAPPROPRIATED SUBSEQUENT YEARS					
Estimated Cost	Appropriation To Date	Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$55,000		\$55,000					
DESCRIPTION							

Project Description:

Replacement of a 1987 Ford 30,000 GVW Dump Truck (PW5). The useful life of a dump truck is 10 years by VDOT standards.

Project Status:

This was identified in the FY 2001 CIP and in the FY 2002 CIP was moved to a FY 2003 purchase.

Project Justification:

When this dump truck is replaced it will be 16 years old. As of November 2001, \$27,536 has been spent on the maintenance of this truck over the last 10 years. Future maintenance costs can only increase along with down time. This will make scheduled infrastructure maintenance very hard because we depend on using our dump trucks every day.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Equipment	<u>\$55,000</u>	General Fund Appropriation	<u>\$55,000</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 2003

Relation to Other Projects:

None

Other Information:

Maintenance Costs

	FY 1999	FY 2000	FY 2001
Parts	1,811	415	1,016
Labor	3,412	1,668	1,240
Outside Repairs	457	1,473	1,563
Total	5,680	3,556	3,819

Project Category: 400 -- Public Works		Project Number and Title: 404. Street Sweeper					
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
\$115,000		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
DESCRIPTION							

Project Description:

Replacement of a 1978 Ford Street Sweeper (PW9) with a truck with a vacuum system for cleaning curb, gutters and catch basins.

Project Status:

This was identified in the FY 2001 CIP as a FY 2004 project and in the FY 2002 CIP was moved to a FY 2003 project.

Project Justification:

Repair costs as of November 2001 for this equipment was \$44,893. Several parts have been rebuilt or fabricated because it is difficult to find replacement parts for a 23 year-old street sweeper. City streets are not being cleaned due to the unreliability of this piece of equipment.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Equipment	<u>\$115,000</u>	General Fund Appropriation	<u>\$115,000</u>

Project Category:
400 -- Public Works

Project Number and Title:
404. Street Sweeper

Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	Decrease in maintenance parts
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 2003

Relation to Other Projects:

None

Other Information:

Maintenance Costs

	FY 1999	FY 2000	FY 2001
Parts	1,807	2,938	2,193
Labor	1,060	2,644	2,006
Outside Repairs	1,081	1998	1,865
Total	3,948	7,590	6,064

Project Category: 400 -- Public Works		Project Number and Title: 405. Hook Lift Truck					
UNAPPROPRIATED SUBSEQUENT YEARS							
Total Estimated Cost	Appropriation To Date	Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$120,000			\$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 2004 purchase was identified in the FY 2001 CIP and the FY 2006 purchase is a new request.

Project Justification:

This piece of equipment is used daily for drainage maintenance. As of November 2001, \$15,315 has been spent on the maintenance of the existing piece of equipment. The new request is part of a plan to add a new drainage crew. For the past 20 years, Poquoson has accomplished all drainage with 2 employees. It is necessary to add another crew to continue cleaning outfall ditches. With the addition of a 2-man drainage crew, an additional hook lift truck will be necessary.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Truck	\$ 60,000	General Fund Appropriation	\$ 60,000
Truck	<u>60,000</u>	FY 2004	<u>60,000</u>
Total	<u>\$120,000</u>	FY 2006	
		Total	<u>\$120,000</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, but will increase in FY 2006 for a new drainage crew.

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased Operating expenses	Increase in maintenance cost \$2,000 (FY 2006)
Number of new positions	2
Additional salary costs	\$55,000 (FY 2006)
Additional other expenses	N/A
Net effect on annual operating budget	Increase in maintenance cost \$57,000 (FY 2006)

Time Frame Analysis:

FY 2004 and FY 2006

Relation to Other Projects:

None

Other Information:

Maintenance Costs (Existing MD7)

	FY 1999	FY 2000	FY 2001
Parts	1,438	109	614
Labor	844	380	1,261
Outside Repairs	0	0	500
Total	2,282	489	2,375

Project Category: 400 -- Public Works		Project Number and Title: 406. Backhoe Front-End Loader					
Total Estimated Cost		UNAPPROPRIATED SUBSEQUENT YEARS					
Appropriation To Date		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$80,000			\$80,000				
DESCRIPTION							

Project Description:

Replacement of a 1988 Backhoe front-end loader (PW14).

Project Status:

This was originally approved in the FY 2001 CIP.

Project Justification:

Over the past 10 years repair costs have totaled \$12,132.

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

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 2004

Relation to Other Projects:

None

Other Information:

Maintenance Costs

	FY 1999	FY 2000	FY 2001
Parts	337	1,084	818
Labor	914	522	658
Outside Repairs	788	0	6,648
Total	2,039	1,606	8,124

Project Category: 400 -- Public Works		Project Number and Title: 407. Public Works Compound						
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS						
\$500,000		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007	\$500,000
DESCRIPTION								

Project Description:

Renovation of existing Public Works building and compound area plus purchase of adjoining property.

Project Status:

The need to relocate was identified in the FY 1999 CIP. This year the focus has changed to renovation and adding on 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. Purchase of adjoining property is needed for storage of materials and parking of equipment and vehicles. The current congestion creates an unsafe environment. 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	\$25,000	General Fund Appropriation	<u>\$500,000</u>
Land	120,000		
Construction	315,000		
Equipment	10,000		
Furnishings	5,000		
Fence	<u>25,000</u>		
Total	<u>\$500,000</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. The first year approximately \$10,000 would be needed for additional furnishings.

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 per year, \$10,000 first year
Net effect on annual operating budget	\$10,000 per year

Time Frame Analysis:

Beyond FY 2007

Relation to Other Projects:

None

Other Information:

None

Project Category:
100 -- Schools

Project Number and Title:
101. School Buses

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$408,900		\$60,200	\$63,200	\$66,400	\$69,100	\$73,200	\$76,800
DESCRIPTION							

Project Description:

Annual replacement of older school buses with one being replaced for each year.

Project Status:

Ongoing replacement of oldest buses. Based on prior year's experience a 5% cost escalation per year was factored in.

Project Justification:

Buses wear out and as they do, become unreliable. Maintenance costs become higher if not replaced. Schools try to replace buses every 15 years. There are 22 school buses on the road daily. The Schools' goal is to replace a bus yearly.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Purchase of bus FY 2003	\$ 60,200	Return of unspent school funds FY 2003	\$ 60,200
Purchase of bus FY 2004	63,200	FY 2004	63,200
Purchase of bus FY 2005	66,400	FY 2005	66,400
Purchase of bus FY 2006	69,100	FY 2006	69,100
Purchase of bus FY 2007	73,200	FY 2007	73,200
Purchase of bus beyond FY 2007	<u>76,800</u>	Beyond FY 2007	<u>76,800</u>
Total	<u>\$408,900</u>	Total	<u>\$408,900</u>

Project Category: 100 -- Schools	Project Number and Title: 101. School Buses
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Effect on Operating Budget:

New buses are more efficient. They use diesel fuel instead of gas and get better fuel mileage.

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	(\$400) yearly
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	(\$400) yearly

Time Frame Analysis:

September time frame each year. Since purchase of bus would be contingent on unspent school funds available, it would be necessary to order after completion of the annual audit.

Relation to Other Projects:

None

Other Information:

None

Project Category: 100 -- Schools		Project Number and Title: 102. Construction of New Elementary School					
Total Estimated Cost		UNAPPROPRIATED SUBSEQUENT YEARS					
Appropriation To Date		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$13,696,900		\$200,000	\$390,700	\$4,158,300	\$8,947,900		
DESCRIPTION							

Project Description:

Construction of a new elementary school and new baseball/softball complex. The suggested location is adjacent to the current primary and high school site on current city park property.

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. The recommended single school site included the following properties: the primary school and high school sites, the Municipal Park, Phillips Park and Firth Field.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
<u>FY 2003</u>			
Site Plan & Preliminary Design	\$ 200,000		
<u>FY 2004</u>			
Architectural & Engineering,	\$390,700		
Fees & Inspections, Geotechnical			
Survey, Other Expenses			
<u>FY 2005 and FY 2006</u>			
Construction Cost	\$12,506,200		
Furnishings & Equipment	600,000		
	<u>\$13,106,200</u>		
Total	<u>\$13,696,900</u>		

Project Category: 100 -- Schools	Project Number and Title: 102. Construction of New Elementary School
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Shortly after the Task Force presentation, Parks and Recreation disclosed that the recommended park sites for inclusion as part of the single school site were financed as part of a 1979-1982 State and Federal Grant that requires those properties to be used only as recreation and park facilities. In order for those properties to be used as a school site, the City would have to request permission from the State and Federal government to exchange suitable properties for the existing park sites.

In response to the Parks and Recreation disclosure, the School Board retained an architect to develop a plan to construct the new combined school using existing primary and high school sites as well as Firth Field and Phillips Park, but not using the Municipal Park. This work was completed and presented to the School Board at a work session on November 20, 2001. The current plan calls for the construction of a 72,000 square foot elementary school, a 110,000 square foot middle school, a 1,000 seat auditorium, and the construction of a new baseball/softball complex and football stadium.

The location of the property is the biggest issue that needs to be determined before design can begin. This is dependent on release of park property by State and Federal Agencies. If existing park property is not released, additional property would need to be purchased or the decision to build on existing site may be made. The design of the building must be complete before a literary loan can be applied for. There is a 1 year waiting list from the time a literary loan is applied for and approval to start construction is given.

Phase One Description:

In phase one of construction the following activities take place:

Bradshaw Field and Firth Field are moved to their new locations adjacent to one another on the current Bradshaw site. Six new tennis courts and a full soccer/field hockey field are built. A new football stadium and track with a seating capacity of 3,000 is built on the site behind the high school currently used as a practice field. A new concession stand/restroom facility is built to serve both the football stadium and the baseball/softball complex.

Road construction is completed to extend the road that enters the Municipal Park off Cedar Road to enter the rear of the current primary/high school site. This road will be used as a bus entrance to the new school site. A new bus loop is built, and 110 new parking spaces are developed to serve the new athletic facilities. Additional site work includes the expansion of the existing primary school parking lot to accommodate the staff parking for the new elementary school.

A new two-story 72,000 square foot elementary school is constructed adjacent to the primary school. The school includes a full size gymnasium. Also, the 22,000 square foot sixth grade wing of the new middle school is constructed adjacent to the new elementary school.

During phase one of construction parking at the site grows from 290 spaces to 504 spaces.

Project Category: 100 -- Schools	Project Number and Title: 102. Construction of New Elementary School
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Costs for the first phase include dollars for utilities and grading, site demolition, sidewalks, erosion control, landscaping, furnishings, architect and engineer fees, and testing and survey expenses.

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.

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 at 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.

Project Category: 100 -- Schools	Project Number and Title: 102. Construction of New Elementary School
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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 elementary/secondary campus vision for the development of our school lies in the changing face of educational programming. Classrooms in the next millennium will require a technological infrastructure that will be virtually impossible to develop within our existing facilities.

Effect on Operating Budget:

Combining campuses in one location would allow for more efficient school scheduling, increased opportunities for extracurricular activities, enhanced sharing of human and material resources, and increased vertical articulation, which will improve the quality of teaching and learning. Economics of operation could be found in construction, operations, transportation and staffing. Although the actual amount of the economies to be gained is difficult to measure, it is likely that they will have significant impact on operational budget years into the future.

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
Net effect on annual operating budget	(\$25,000)

Project Category: 100 -- Schools	Project Number and Title: 102. Construction of New Elementary School
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Time Frame Analysis:

Project Schedule

Site Plan and Preliminary Design	FY 2003
Design of project	FY 2004
Construction start date	April 2005
Completion date	Fall 2006

Relation to Other Projects:

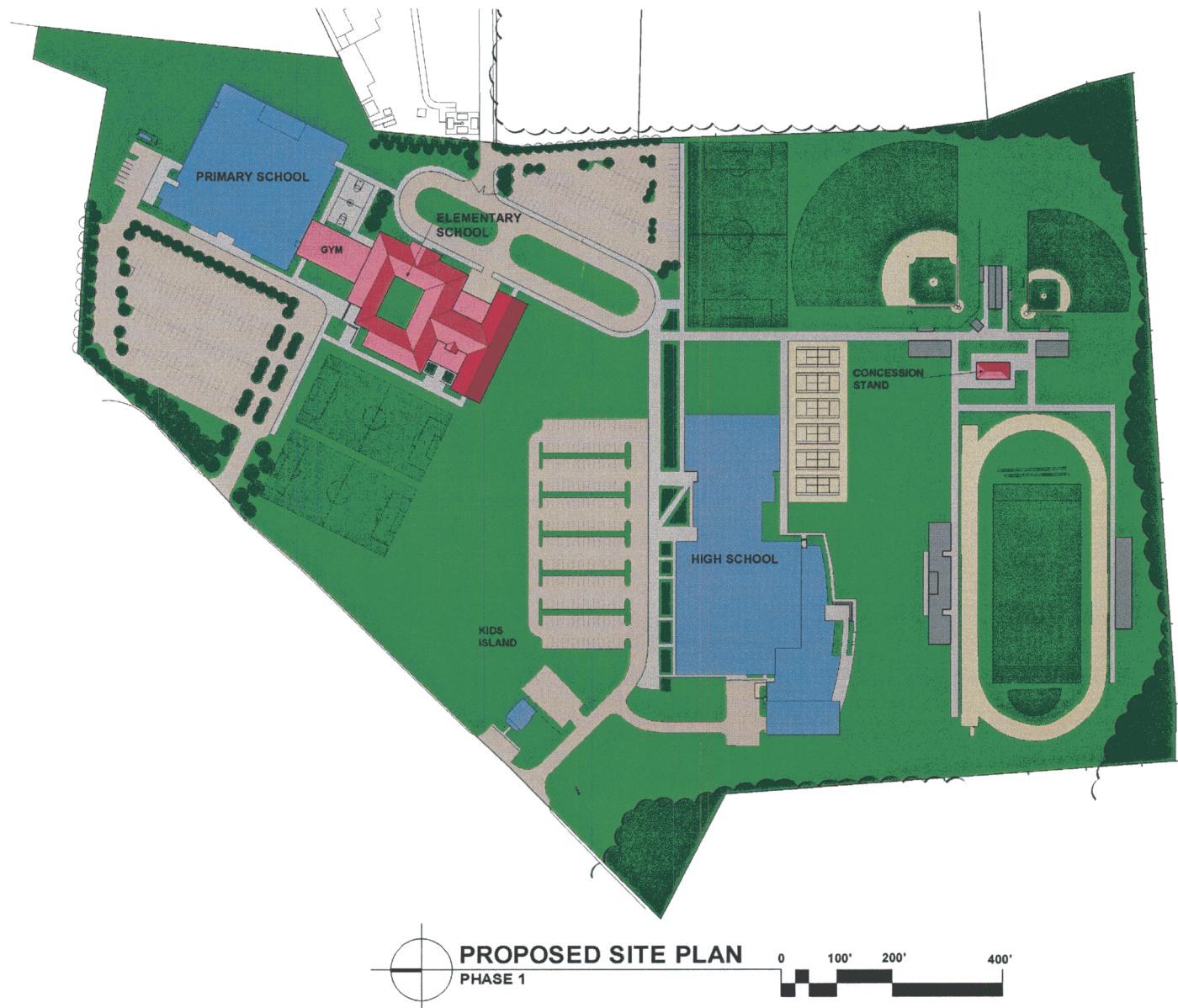
The Schools consider this as the first phase of bringing all schools together in one location. The second phase of the project is construction of a new middle school, a 750-seat auditorium and a football stadium.

Project Category:
100 -- Schools

Project Number and Title:
102. Construction of New Elementary School

Other Information:

Elementary School and New Fields – Phase I



Project Category: 100 -- Schools			Project Number and Title: 103. Construction of New Middle School					
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS						
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007	
\$10,853,400								\$10,853,400

DESCRIPTION

Project Description:

Construction of a new middle school and shared high school/middle school auditorium. The suggested location is adjacent to the current primary school, current high school and projected elementary school site.

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, and 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. The recommended single school site included the following properties: the primary school and high school sites, the Municipal Park, Phillips Park and Firth Field.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
<u>Beyond FY 2007</u>			
Architectural & Engineering, Fees & Inspections, Geotechnical Survey, and Other Expenses	\$400,000		
Construction Cost	10,053,400		
Furnishings & Equipment	400,000		
	<u><u>\$10,853,400</u></u>		

Project Category: 100 -- Schools	Project Number and Title: 103. Construction of New Middle School
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Shortly after the Task Force presentation, Parks and Recreation disclosed that the recommended park sites for inclusion as part of the single school site were financed as part of a 1979-1982 State and Federal Grant that requires those properties to be used only as recreation and park facilities. In order for those properties to be used as a school site, the City would have to request permission from the State and Federal government to exchange suitable properties for the existing park sites.

In response to the Parks and Recreation disclosure, the School Board retained an architect to develop a plan to construct the new combined school using existing primary and high school sites as well as Firth Field and Phillips Park, but not using the Municipal Park. This work was completed and presented to the School Board at a work session on November 20, 2001. The current plan calls for the construction of a 72,000 square foot elementary school, a 110,000 square foot middle school, a 1,000 seat auditorium, and the construction of a new baseball/softball complex and football stadium.

The location of the property is the biggest issue that needs to be determined before design can begin. This is dependent on release of park property by State and Federal Agencies. If existing park property is not released additional property would need to be purchased or the decision to renovate and/or rebuild on existing site may be made. The design of the building must be complete before a literary loan can be applied for. There is a 1 year waiting list from the time a literary loan is applied for and approval to start construction is given.

Phase Two Description:

In phase two of construction the following activities take place:

The remaining 88,000 square feet of the new two-story middle school is completed. The construction includes a full size gymnasium and a 1,000-seat auditorium.

Parking at the high school is expanded to accommodate the staff parking for the new middle school. During phase two of construction parking grows at the site from 504 spaces to 672 spaces.

Project Justification:

The current middle school has a number of deficiencies that need to be corrected. These include:

1. Old brick in the original 1932 building is no longer waterproof and is promoting growth of mildew and mold inside.
2. Asbestos floor tiles need to be removed.
3. The current single glazed windows in the 1977 building, the TechEd addition that was the old cafeteria, need to be replaced with more energy efficient units.
4. The wood framing at the band instrument storage must be removed to comply with building and life safety codes.

Project Category:
100 -- Schools

Project Number and Title:
103. Construction of New Middle School

5. The fire stairs need to be isolated in a one-hour enclosure to comply with the current life and fire safety codes.
6. Wall construction between the TechEd addition and the 1977 building must be upgraded to two hour construction for compliance with life and fire safety codes.
7. The plaster walls in the 1932 building are damaged and in need of repairs. The real problem is the need for new electrical, communication, data and video distribution in those walls. Concealing conduit in these walls would be impractical and the resulting exposed wire are unacceptable.
8. The classroom cabinets and closets in the 1932 building are an inappropriate and inefficient use of space.
9. The puff roof on the gymnasium is overdue to fail.
10. The single width, painted exterior block walls on the gymnasium are a maintenance problem and are only waterproofed by the paint and lack insulation.
11. The gymnasium's locker room facilities are worn out and inadequate, the gym floor has termite damage.
12. The coach's office doubles as equipment storage. It is too small for both functions. Its roof is wood frame and therefore in violation of the building code. The exterior walls are the same uninsulated painted block observed in the gymnasium.
13. The parks and recreation storage is made from wood and located directly next to one exit while the school's equipment storage is also wood framed and next to a second exit. Neither of these conditions comply with life and fire safety codes.
14. Lighting systems in the auditorium are inadequate for its current use.
15. All classroom and corridor lighting needs to be upgraded to energy efficient T-8 lamps.
16. The exterior door frames at all but the 1977 building need to be replaced due to damage, rust and wear. Those at the 1977 building need maintenance.
17. Sealants on all exterior surfaces need to be renewed.
18. There is rust on the floor joists under the 1932 building. This needs to be arrested, treated and coated to prevent further deterioration.
19. The 4-2-4 brick air space and block wall construction at the shop will not meet current wind load requirements and should be reinforced.
20. Preliminary calculations indicate no part of the TechEd addition's structural system will satisfy the wind load standards of the current code.
21. Wheelchair access to all of the first floor levels except the stage and band areas was achieved by the cafeteria addition. There is no accessible route to the second floor of the 1932 or the 1977 buildings. Note, the second floor of the 1932 and 1977 buildings are not at the same level.
22. The finished floor of all but the cafeteria addition are below the 1933 storm level required by the City.
23. Toilet facilities, except for the renovated toilets in the 1932 building and the new cafeteria addition, do not conform to ADA requirements. Similarly, the fixtures in these spaces are worn out and need replacement.
24. Blockages and problems with both the supply and waste water piping in all but the 1977 building indicate replacement is needed. This would also allow the installation of water saving fixtures.

Project Category: 100 -- Schools	Project Number and Title: 103. Construction of New Middle School
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25. The hot water systems in the 1932 and 1977 buildings are not functioning. It is likely a previous energy savings program simply turned off the hot water. The Health Department requires this system to be operational.
26. The gas boiler and chiller serving the 1932 building is nearing the end of its useful life and will need to be replaced within the next three to five years. All other HVAC systems including the unit heaters in the gym and the roof top heat pumps on the 1977 building are currently beyond their expected life.
27. The un-ducted air supply to corridors and toilets no longer complies with building and life safety codes. When the mechanical systems are replaced this will have to be corrected.
28. Current outside air requirements for ventilation in schools will have to be implemented when the mechanical systems are replaced.
29. Computers, media retrieval, and data networking have exceeded the electricity available in classrooms. All classrooms need additional electrical receptacles to take advantage of these new instructional aids safely.
30. The fire alarm system needs to be expanded to include the gymnasium and to provide pull stations at every exit in the school.
31. The public address system is archaic and should be replaced in order to provide reliable communications between the administration and faculty. The addition of classroom phones should be considered.

This project also addresses the need for an auditorium that can be used for performing arts. The auditorium would be shared with the high school.

Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	(\$15,000)
Number of new positions	N/A
Additional salary costs	N/A
Decreased salary costs	(\$15,000)
Additional other expenses	N/A
Net effect on annual operating budget	(\$30,000)

Time Frame Analysis:

Project Schedule

Design of project	Beyond FY 2007
Construction start date	June 2009
Completion date	Fall 2010

Project Category: 100 -- Schools	Project Number and Title: 103. Construction of New Middle School
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Relation to Other Projects:

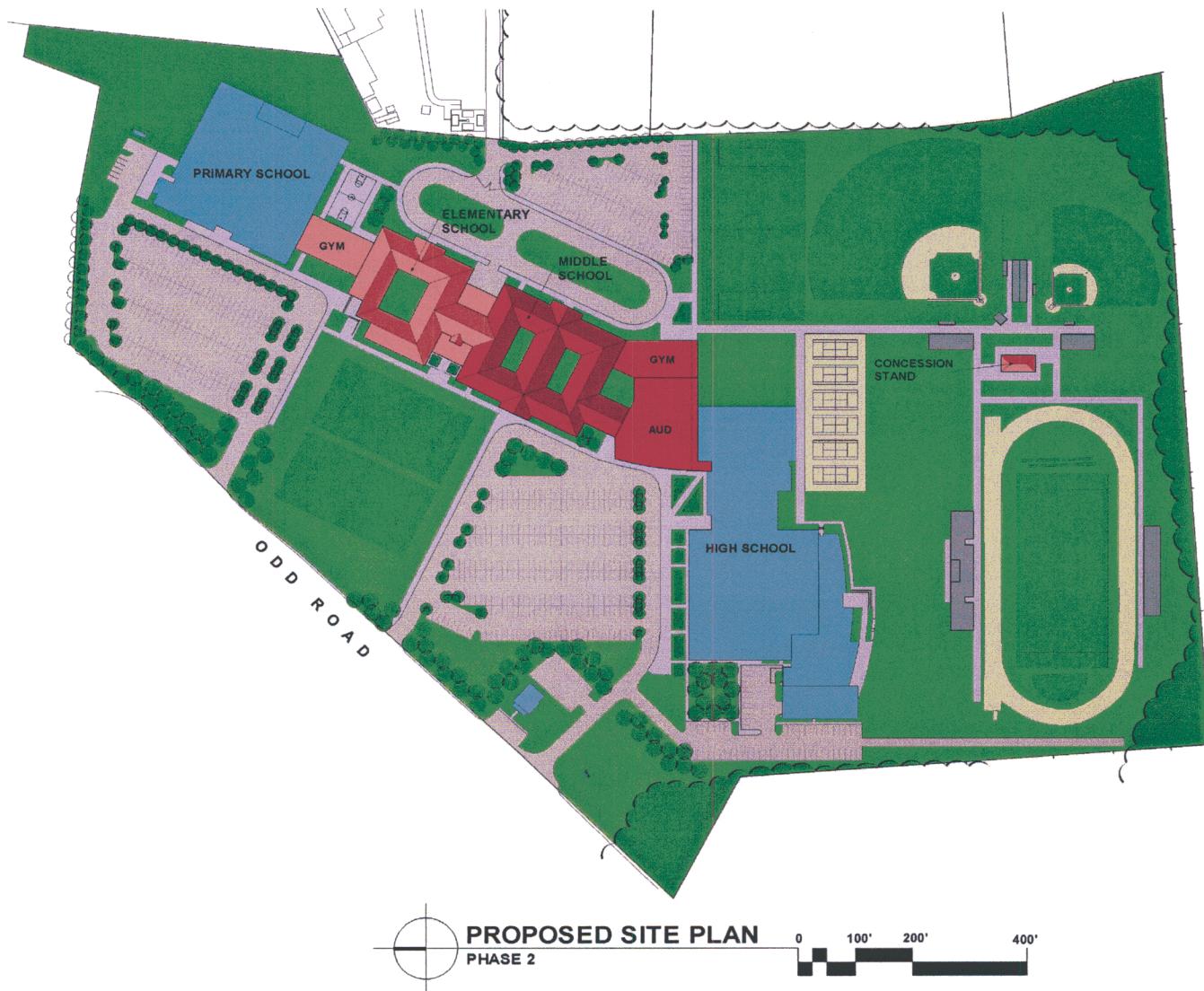
The Schools consider this the second phase of bringing all schools together in one location. The first phase is the construction of a new elementary school and new baseball diamond. Some of the repairs needed on the gym are being proposed earlier. The gym could continue to be used by Parks and Recreation.

Project Category:
100 -- Schools

Project Number and Title:
103. Construction of New Middle School

Other Information:

Middle School, Gym and Auditorium – Phase II



Project Category:
100 -- Schools

Project Number and Title:
104. Classroom Computers

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$247,000		\$49,400		\$49,400	\$49,400	\$49,400	\$49,400

DESCRIPTION

Project Description:

Purchase and install classroom sets of 5 networked computers with needed equipment and accompanying furniture for grades 1-5 at a rate of one grade level per year for 5 years (8 sets per grade level) at PPS and PES.

Project Status:

Project was identified in the FY 2002 CIP. Currently the Kindergarten and First grade classrooms have been implemented. Second grade implementation is in process during FY 2002.

Project Justification:

While the primary and elementary schools have computer labs, classroom sets of computers are necessary to enable every student to have sufficient computer time on a daily basis. Education literature recommends sets of five computers per class for instructional needs to be met. As local and state expectations for student achievement rise, it is critical that teachers and students have the technology necessary for mastery of SOL objectives. Having up-to-date technology will assist in this process.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
FY 2003	\$49,400	FY 2003	\$49,400
FY 2005	49,400	FY 2005	49,400
FY 2006	49,400	FY 2006	49,400
FY 2007	49,400	FY 2007	49,400
Beyond FY 2007	<u>49,400</u>	Beyond FY 2007	<u>49,400</u>
Total	<u>\$247,000</u>	Total	<u>\$247,000</u>

Project Category:
100 -- Schools

Project Number and Title:
104. Classroom Computers

Effect on Operating Budget:

As the schools become more involved with technology, they will need support staff to maintain the computers.

Estimated effect of completed project on operating budget:

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	1 computer technician
Additional salary costs	\$50,000
Additional other expenses	\$ 5,000
Net effect on annual operating budget	\$55,000

Time Frame Analysis:

Ongoing Projects FY 2003-Beyond FY 2007; with the exception of FY 2004

Relation to Other Projects:

None

Other Information:

Cost: \$6,175 per classroom @ 8 classrooms per year = \$49,400. Each classroom would have the following:

QUANTITY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
1	iMac DV Computer	\$1,244	\$1,244
4	iMac Computer	924	3,696
1	VST Floppy Drive	90	90
1	Epson Stylus Networked Printer	420	420
1	8-Port Hub	90	90
6	16" Student Chairs	30	180
2	Computer Trapezoid Tables	155	310
2	Surge Protectors	10	20
*	Wiring & Hub Materials	100	100
	Shipping & Handling Fees	25	<u>25</u>
	Total		<u>\$6,175</u>

Project Category: 100 -- Schools		Project Number and Title: 105. PHS Fitness Equipment					
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$34,800				\$34,800			
DESCRIPTION							

Project Description:

Purchase 20 pieces of fitness equipment and free weights to equip the high school weight room. The new equipment will totally renovate the existing facility and all the old equipment will be discarded.

Project Status:

Project was identified in FY 2002 CIP.

Project Justification:

Current weight equipment is antiquated. New equipment will allow for more efficient exercise and provide a safer environment for students to lift weights. The enhanced room will help the high school athletic program by assisting in student weight training.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Equipment	\$29,850	General Fund Appropriation	<u>\$34,800</u>
Freight and Setup	3,150		
Free Weights	<u>1,800</u>		
Total	<u><u>\$34,800</u></u>		

Project Category: 100 -- Schools	Project Number and Title: 105. PHS Fitness Equipment
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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 of equipment – Fall 2004

Relation to Other Projects:

None

Other Information:

None

Project Category: 100 -- Schools		Project Number and Title: 106. PPS Multipurpose Room Floor Replacement					
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$30,000					\$30,000		
DESCRIPTION							

Project Description:

Replace the existing multipurpose room flooring at PPS. Currently the room has carpet. It is proposed that the existing carpet be replaced with a rolled, vinyl “taraflex” flooring used in gymnasiums.

Project Status:

Project was identified in the FY 2002 CIP.

Project Justification:

The current carpet floor is over 10 years old. It is worn and in need of replacement. A rolled, vinyl “taraflex” flooring will be easier to maintain and will ensure better indoor air quality at PPS.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Flooring Replacement	<u>\$30,000</u>	General Fund Appropriation	<u>\$30,000</u>

Project Category:
100 -- Schools

Project Number and Title:
106. PPS Multipurpose Room Floor 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
Net effect on annual operating budget	(\$1,000)

Time Frame Analysis:

Project Schedule

Bid date	May 2005
Construction start date	July 2005

Relation to Other Projects:

None

Other Information:

None

Project Category: 100 -- Schools			Project Number and Title: 107. PMS Gym Floor and Bleacher Replacement					
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS						
\$150,000		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007	
DESCRIPTION								

Project Description:

Replace the existing gym room flooring and gym bleachers at PMS.

Project Status:

New request.

Project Justification:

The current floor is buckling and rotting. The floors have extensive termite and water damage, in addition to age. The sub-flooring also appears to be damaged and the area needs to be retreated for termites. The bleachers are original to the building and are worn out.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Gym Floor and Bleacher Replacement	<u>\$150,000</u>	General Fund Appropriation	<u>\$150,000</u>

Project Category: 100 -- Schools	Project Number and Title: 107. PMS Gym Floor and Bleacher 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
Net effect on annual operating budget	(\$1,000)

Time Frame Analysis:

Project Schedule

Bid date	April 2002
Construction start date	July 2002

Relation to Other Projects:

This project needs to be done even if the new middle school is built. It is a current safety issue. The gym can continue to be programmed for parks and recreation use after the new middle school is built.

Other Information:



Project Category:

100 -- Schools

Project Number and Title:

108. PMS Locker and Bathroom Replacement

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$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:

New request. Architectural and engineering firm 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.

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.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Design and Engineering	\$ 50,000		
Construction	<u>450,000</u>		
Total	<u>\$500,000</u>	Finance \$500,000 of the project with a state 3% interest literary loan. Debt service would increase by \$48,333 in the first year.	

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
Net effect on annual operating budget	(\$1,000)

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 2004
Construction	FY 2005

Relation to Other Projects:

This would follow the floor and bleacher replacement, which will complete the majority of needed repairs in the middle school gym.

Other Information:



Project Category: Sewer Fund		Project Number and Title: S1. Utility Truck					
Total Estimated Cost		UNAPPROPRIATED SUBSEQUENT YEARS					
Appropriation To Date		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$29,000		\$29,000					
DESCRIPTION							

Project Description:

Purchase a $\frac{3}{4}$ ton Utility Truck with a Hydraulic lift tail gate to replace the 1985 Ford (Car 55).

Project Status:

This was identified in the 1999 CIP; the replacement was purchased. However; since there was a new position in the Sewer Fund; this 1985 Ford was kept in service.

Project Justification:

Since there is a third position in the department, the Utility truck was kept in service. A 2000 Chevrolet was purchased. This truck still needs to be replaced and permanently taken out of service. The truck is a 1985 model with 165,000 miles on it, and has had \$22,533 spent on labor and parts over the last 10 years.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Equipment	<u>\$29,000</u>	Sewer Fund Appropriation	<u>\$29,000</u>

Project Category: Sewer Fund	Project Number and Title: S1. Utility Truck
--	---

Effect on Operating Budget:

\$1,200 per year gas, oil, preventative maintenance
\$3,000 first year crane attachment and beacon lights

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	Preventative Maintenance
Net effect on annual operating budget	\$1,200 annually

Time Frame Analysis:

FY 2003

Relation to Other Projects:

None

Other Information:

None

Project Category: Utilities			Project Number and Title: S2. Sewer Main Inspection				
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
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.

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>\$350,000</u>	Sewer Fund Appropriation	<u>\$350,000</u>

Project Category: Utilities	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: S3. Rehabilitation of Pump Station Projects #9, #13					
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$300,000		\$300,000					
DESCRIPTION							

Project Description:

To rebuild pump stations #9 and #13 that have become worn with age. Rebuilding to include new pumps, motors, controls, relining of wet wells and replacing piping.

Project Status:

This project has been planned for years, but was excluded from the FY 2000 CIP because projects were to be completed during FY 2000. The project was delayed with staff priority given to sewer extension. There are funds in the amount of \$300,000 remaining from the sewer bond issue. Design of the rehabilitation projects has started.

Project Justification:

This project is needed to retain the reliability of the sewer system and to help reduce maintenance and operational costs.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Design	\$ 30,000	Bond Issue	<u>\$300,000</u>
Construction	<u>270,000</u>		
Total	<u>\$300,000</u>		

Project Category: Sewer Fund	Project Number and Title: S3. Rehabilitation of Pump Station Projects #9, #13
--	---

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

Design Projects:	January 2002
Bid Construction:	July 2002
Construction Start:	September 2002
Construction Completion:	March 2003

Relation to Other Projects:

None

Other Information:

None

Project Category: Sewer Fund			Project Number and Title: S4. Pump Station Rehabilitation Projects					
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS						
\$570,000		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007	
DESCRIPTION								

Project Description:

This would rehabilitate Pump Stations #5 - Wythe Creek Road, #7 – Little Florida Road, #8 – Poquoson Avenue, #10 – Ridge Road, and #11 – North Cedar Road. Work would include new pumps, shelters, controls, piping and relining of wet wells.

Project Status:

The projects were originally part of the rehabilitation projects that were identified in the 1994 bond issue and that were to be completed in FY 2000. The rehabilitation projects cost more than originally projected and the bond funds that were allocated to the project were used for other rehabilitation projects. The project has been moved from FY 2002 to FY 2003.

Project Justification:

Due to the age of these pump stations (approximately 30 years) the mechanical systems have become worn and the wet wells show signs of hydrogen sulfate attack.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Design	\$44,000	Sewer Fund Debt Issue	
Construction	440,000	FY 2003	<u>\$ 570,000</u>
Mobilization	22,000		
Contingency	<u>64,000</u>		
Total	<u>\$570,000</u>	Debt issuances in the Sewer Fund would be necessary to pay for projects.	

Project Category: Sewer Fund	Project Number and Title: S4. Pump Station Rehabilitation Projects
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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:

Project Schedule

Design Projects:	July 1, 2002
Bid Construction:	September 1, 2002
Construction Start:	December 1, 2002
Construction Completion:	August 1, 2003

Relation to Other Projects:

Completion of sewer rehabilitation projects started in 1995.

Other Information:

None

Project Category: Solid Waste		Project Number and Title: SW1. Refuse Truck					
Total Estimated Cost		UNAPPROPRIATED SUBSEQUENT YEARS					
Appropriation To Date		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$120,000				\$120,000			
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.

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
Equipment	<u>\$120,000</u>	Solid Waste Fund Excess retained earnings, which have been accumulating for several years, will be used.	<u>\$120,000</u>

Project Category:
Solid Waste

Project Number and Title:
SW1. Refuse Truck

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

Relation to Other Projects:

None

Other Information:

Maintenance Costs

	FY 1999	FY 2000	FY 2001
Parts	5,852	4,755	1,291
Labor	4,004	3,412	852
Outside Repairs	555	314	1,913
Total	10,411	8,481	4,056

Project Category: Solid Waste			Project Number and Title: SW2. Debris Removal Truck				
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$83,250		\$83,250					
DESCRIPTION							

Project Description:

Replacement of a 1991 22 CY debris knuckle-boom dump truck.

Project Status:

The project was identified as a need in the FY 2001 CIP as a FY 2005 project; however, the department has requested that this be moved up.

Project Justification:

As of November 2001, \$39,070 has been spent on repairs for parts and labor. The truck has 115,940 miles on it with 8,905 hours on the engine hour meter. When you multiply engine hours times 35 miles per hour it is equal to 311,675 miles of wear on the engine from running and sitting still picking up debris.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Equipment	<u>\$83,250</u>	Solid Waste Fund	<u>\$83,250</u>

Project Category:
Solid Waste

Project Number and Title:
SW2. Debris Removal Truck

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 2003

Relation to Other Projects:

None

Other Information:

Maintenance Costs

	FY 1999	FY 2000	FY 2001
Parts	2,250	780	1,020
Labor	2,516	1,096	1,990
Outside Repairs	6,807	2,086	966
Total	11,573	3,962	3,976

Project Category: Parks & Recreation Fund		Project Number and Title: P1. Municipal Pool Indoor Conversion					
Total Estimated Cost		UNAPPROPRIATED SUBSEQUENT YEARS					
Appropriation To Date		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$72,000		\$72,000					
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 this request moves it up to a FY 2003 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	\$ 500	Parks & Recreation Fund	<u>\$72,000</u>
Covering	62,000		
Equipment	7,000		
Furnishings	<u>2,500</u>		
Total	<u>\$ 72,000</u>		

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			
104	Classroom Computers	Local	98,800		49,400	49,400				
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 Schools		\$12,715,800	\$ -	\$ 599,400	\$ 6,499,400	\$ 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	\$ -	\$ 483,000	\$ 985,200	\$ 806,300	\$ 1,080,000	\$ 969,800	3,404,220

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	\$ 849,737	\$ -	\$ 440,000	\$ -	\$ -	\$ -
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	\$ 350,000

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	60,000	30,000	30,000				
	Total Miscellaneous		\$ 668,300	\$ 30,000	\$ 154,600	\$ 207,700	\$ 120,000	\$ 25,000	\$ 106,000
	TOTAL GENERAL GOVERNMENT		\$27,998,620	\$ 380,263	\$ 2,435,737	\$ 8,182,300	\$7,102,300	\$ 3,245,000	\$ 2,834,800
									\$ 3,818,220

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
OTHER FUNDS									
SEWER FUND									
S2	Sewer Main Inspection	Sewer Fund	380,000		30,000	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			\$29,406,620	\$ 380,263	\$ 2,618,737	\$ 8,842,300	\$7,292,300	\$ 3,340,000	\$ 2,904,800
									\$ 4,028,220

Project Category: 200 -- Transportation and Drainage		Project Number and Title: 201. Street and Drainage Improvements						
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS						
\$1,667,100		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007	

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. City Engineer and Public Works Director prioritize 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 2003	262,000	FY 2003	262,000
FY 2004	262,000	FY 2004	262,000
FY 2005	271,200	FY 2005	271,200
FY 2006	280,700	FY 2006	280,700
FY 2007	290,500	FY 2007	290,500
Beyond FY 2007	<u>300,700</u>	Beyond FY 2007	<u>300,700</u>
Total	<u>\$1,667,100</u>	Total	<u>\$1,667,100</u>

Project Category:
Transportation and Drainage

Project Number and Title:
201. Street and Drainage Improvements

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”						
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS						
\$204,650		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007	

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 2002 as project gets to the engineering phase. VDOT has the City of Poquoson side of the project budgeted in their six year plan; however, the portion of Wythe Creek South located in Hampton is not 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 2-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
Wythe Creek Road – South		General Fund Appropriation	<u>\$204,650</u>
Engineering and Right-of-Way		The State cost shares 95% for engineering and 98% for right-of-way acquisition and construction of the project; however, State funds do not flow through City records. State VDOT funds should pay for \$9,456,350 of the project.	
Acquisition	\$ 50,000		
Construction	<u>154,650</u>		
Total	<u>\$ 204,650</u>		
Total construction cost is estimated to be \$9,661,000. The state will pay for the entire project and request reimbursement in the amount of \$204,650 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 per year
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	\$30,000 per year
Net effect on annual operating budget	No effect

Time Frame Analysis:

Design of project	January 1, 2006
Right-of-Way Acquisition and Construction	January 1, 2008

Relation to Other Projects:

None

Other Information:

	Cost of Project	Poquoson %	Poquoson's Cost
Professional & Engineering	\$381,000	5%	\$19,050
Right-of-Way Acquisition	1,509,000	2%	30,180
Construction	<u>7,771,000</u>	2%	<u>155,420</u>
Total	<u>\$9,661,000</u>		<u>\$204,650</u>

Project Category: 200 -- Transportation and Drainage		Project Number and Title: 203. Storm Water Drainage Study						
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS						
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007	
\$50,000	\$50,000							
DESCRIPTION								

Project Description:

This project would contract an outside consulting firm to prepare a statement of the current storm water situation and recommend a master plan for addressing the stormwater drainage issues in Poquoson. This is needed to comply with Phase II of the EPA's National Pollution Discharge Elimination System (NPDES) and the Virginia Pollutant Discharge Elimination System (VPDES).

Project Status:

This was identified as a need in the FY 1999 CIP. The focus originally was on the necessity of developing the Big Woods, but now has become a federal and state mandated activity and encompasses the entire City.

Project Justification:

EPA has promulgated Phase II regulations requiring Poquoson and other similar sized cities to develop a storm water management program. The VPDES is requiring that cities and counties prepare a statement of the current storm water situation. The City of Poquoson has numerous storm water issues. The study would address mandated items, identify the areas of concern and prioritize the need to upgrade drainage systems. Several large storms in the past year have emphasized the need for storm water management. Additionally the Big Woods has a number of drainage issues.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Study	<u>50,000</u>	General Fund Appropriation	<u>50,000</u>
Total	<u>\$50,000</u>	Total	<u>\$50,000</u>

Project Category:
200 -- Transportation and Drainage

Project Number and Title:
203. Storm Water Drainage Study

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

Bid date	October 1, 2002
Study	June 30, 2003

Relation to Other Projects:

None

Other Information:

None

Project Category:
200 -- Transportation and Drainage

Project Number and Title:
204. Neighborhood Drainage Projects

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$506,000			\$300,000	\$206,000			
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 2004			
Engineering	\$ 40,000	General Fund Appropriation	
Construction – Oxford Mews	<u>260,000</u>	FY 2004	<u>\$300,000</u>
Total	<u>\$ 300,000</u>	FY 2005	<u>\$206,000</u>
FY 2005		It may be necessary to finance these projects with debt issue.	
Construction – Church/Lodge	\$131,000		
Construction – Bunting Manor	<u>75,000</u>		
Total	<u>\$ 206,000</u>		

Project Category: 200 -- Transportation and Drainage	Project Number and Title: 204. Neighborhood Drainage Projects
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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, 2003
Construction – Oxford Mews	January 1, 2004
Church Street/Lodge Road	July 1, 2004
Bunting Manor	January 1, 2005

Relation to Other Projects:

The Storm Water Drainage Study may change the focus of drainage in the City.

Other Information:

None

Project Category: 200 -- Transportation and Drainage		Project Number and Title: 205. Right-of-Way Acquisition						
		UNAPPROPRIATED SUBSEQUENT YEARS						
Total Estimated Cost	Appropriation To Date	Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007	
\$230,000						\$230,000		
DESCRIPTION								

Project Description:

Monies would be allocated for the purchase of needed right-of-ways for roads, bike paths and sidewalks.

Project Status:

Project was identified in the FY 2002 CIP.

Project Justification:

The development of bikeways, sidewalks, and trails is a component of the City's Comprehensive Plan. The purpose for developing a comprehensive system of bikeways, sidewalks, and trails is primarily as an alternative mode of transportation but also for increased recreational opportunities. Other benefits of a "pedestrian system" include energy conservation, reduced noise and air pollution, motor vehicle traffic reduction, health and fitness improvement, as well as other personal and economic benefits. The City currently provides only 2 miles of formal sidewalks/bikeways. These facilities are located along portions of the business section of Wythe Creek Road and Poquoson Avenue from Forrest Road to Church Road.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
FY 2007	<u>\$230,000</u>	General Fund Appropriation	<u>\$230,000</u>

Project Category:
200 -- Transportation and Drainage

Project Number and Title:
205. Right-of-way Acquisition

Effect on Operating Budget:

Some maintenance required over years.

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:

N/A

Other Information:

None

Project Category: 200 -- Transportation and Drainage		Project Number and Title: 206. Poquoson Ave/Little Florida Rd Realignment					
Total Estimated Cost		UNAPPROPRIATED SUBSEQUENT YEARS					
Appropriation To Date		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$195,000				\$195,000			
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. Project has been pushed to a FY 2005 project.

Project Justification:

Project was identified in 1980 and 1994 Traffic Safety Study. 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	\$ 5,000		
Land	15,000		
Construction	75,000		
Traffic Signal	<u>100,000</u>		
Total	<u>\$195,000</u>	General Fund Appropriation	<u>\$195,000</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 July 2004
Completion date December 2004

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. Traffic Light Signal Cary's Chapel Road						
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS						
\$75,000		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007	

DESCRIPTION

Project Description:

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

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. Therefore, the project has been carried forward as a FY 2005 project.

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 to the recommendation for signalization.

Signalization appears to be the only viable option for addressing sight distance problems. The current traffic volumes at the intersection indicate that the intersection will need to be signalized based on traffic volumes alone in the future. Other alternatives were investigated, however a diagonal span will not give the visual space from the stop bar to the signal head as required, a box span would require a pole in the wetlands area next to Cary's Chapel Road and then there is the aesthetic consideration as a gateway into the City.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Engineering Design	\$ 3,500	General Fund Appropriation	<u>\$75,000</u>
Signal Purchase/ Installation	<u>\$71,500</u>		
Total	<u>\$75,000</u>		

Project Category: 200 -- Transportation and Drainage	Project Number and Title: 207. Traffic Light Signal Cary's Chapel Road
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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	\$2,000
Net effect on annual operating budget	\$2,000

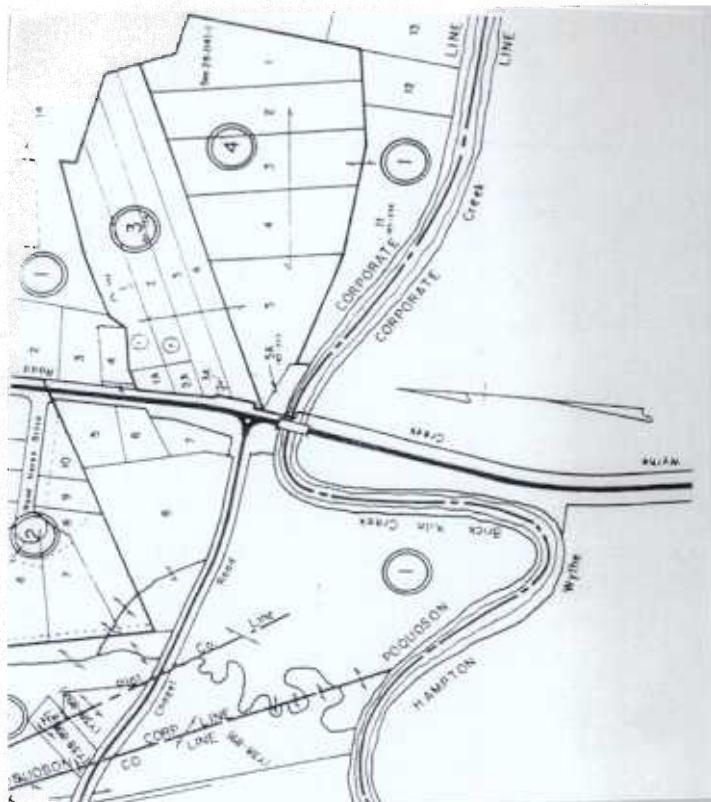
Time Frame Analysis:

Project Schedule

Design of project	July 2004
Bid date	August 2004
Construction start date	September 2004
Completion date	September 2004

Relation to Other Projects:

Signal may need to be replaced when Wythe Creek South is widened.



Project Category: 200 -- Transportation and Drainage		Project Number and Title: 208. Alphus Street Extended						
Total Estimated Cost		UNAPPROPRIATED SUBSEQUENT YEARS						
Appropriation To Date		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007	
\$280,000		\$280,000						
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
Construction	\$ 200,000		
LFCU Reimbursement	<u>80,000</u>	FY 2003	<u>280,000</u>
Total	<u>\$ 280,000</u>	Total	<u>\$280,000</u>

Project Category:
200 -- Transportation and Drainage

Project Number and Title:
208. Alphus Street Extended

Effect on Operating Budget:

Minimal increase on operating budget, with the cost of maintenance of the sidewalk and street.

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	\$1,200
Net effect on annual operating budget	\$1,200

Time Frame Analysis:

FY 2003

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 \$80,000) 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 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$66,000			\$20,000		\$46,000		
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:

This is a newly identified project. 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 VDOT funds will shift to the Victory Blvd. 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>\$66,000</u>
FY 2004 --Design	\$ 20,000	The State cost shares 95% for engineering and 98% for right-of-way acquisition and construction of the project; however, State funds do not flow through City records. State VDOT funds should pay for \$3,500,000 of the project.	
FY 2006 -- Construction	<u>46,000</u>		
Total	<u>\$ 66,000</u>		
Total construction cost is estimated to be \$3,500,000. The state will pay for the entire project and request reimbursement in the amount of \$66,000 from the City.			

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

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	\$8,000 per year
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	\$30,000 per year
Net effect on annual operating budget	No effect

Time Frame Analysis:

Design of project	January 1, 2004
Right-of-Way Acquisition and Construction	January 1, 2006

Relation to Other Projects:

None

Other Information:

None

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 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$600,000		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
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 2003	\$ 100,000	General Fund Appropriations	
FY 2004	100,000	FY 2003	\$ 100,000
FY 2005	100,000	FY 2004	100,000
FY 2006	100,000	FY 2005	100,000
FY 2007	100,000	FY 2006	100,000
Beyond FY 2007	<u>100,000</u>	FY 2007	100,000
Total	<u>\$ 600,000</u>	Beyond FY 2007	<u>100,000</u>
		Total	<u>\$ 600,000</u>

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

The IDA has many proposed projects including land purchases, road development and drainage projects. Projects would be considerably more than \$100,000 per year; however, the IDA could consider financing projects and use the City contribution to pay for the projects.

Relation to Other Projects:

None

Other Information:

None

Project Category: 900 -- Miscellaneous			Project Number and Title: 901. Building and Property Maintenance					
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS						
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007	
\$150,000		\$25,000	\$25,000	\$25,000	\$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 2003	\$ 25,000	General Fund Appropriations	
FY 2004	25,000	FY 2003	\$ 25,000
FY 2005	25,000	FY 2004	25,000
FY 2006	25,000	FY 2005	25,000
FY 2007	25,000	FY 2006	25,000
Beyond FY 2007	<u>25,000</u>	FY 2007	25,000
Total	<u>\$ 150,000</u>	Beyond FY 2007	<u>25,000</u>
		Total	<u>\$ 150,000</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					
Total Estimated Cost		UNAPPROPRIATED SUBSEQUENT YEARS					
Appropriation To Date		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$280,000	\$30,000		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
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. 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, etc.). The GIS began in direct response to CBLAD, who requested accurate maps of the City, but in the next two to three years will serve as the major database for all City departments and citizens of Poquoson.

Project Status:

The City has already completed aerial photographs. Control points are being set with the help of NASA. Royer Graphics is in the process of digitizing the photographs and accurately attaching all the photographs together as one combined image. To date, the shoreline and roads have been completed. The City is anticipating delivery of lot lines and a database to accompany the map. Upon receipt of these deliverables, the initial phase of this project base mapping will be complete.

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; 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
Engineering & Surveying	\$192,000	General Fund Appropriation	<u>\$280,000</u>
Construction	10,000		
Equipment	10,000		
Software	8,000		
Data Conversion	<u>60,000</u>		
Total	<u>\$280,000</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
- Places where City property ends and private property begins, which is 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 would be 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 all sewer pipes, 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 is growing and will continue to grow which will require 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 updates to the data and help all departments use the system to their full potential, as well as 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 III of National Pollution Discharge Elimination System (NPDES) stormwater management regulations.

Project Category: 900 -- Miscellaneous		Project Number and Title: 903. Financial Hardware Replacement					
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
\$55,000		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2006
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.

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>\$55,000</u>	General Fund Appropriation	<u>\$55,000</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	October 1, 2004
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Relation to Other Projects:

None

Other Information:

None

Project Category: 500 -- Parks and Recreation		Project Number and Title: 501. Messick Point Piers					
Total Estimated Cost		UNAPPROPRIATED SUBSEQUENT YEARS					
Appropriation To Date		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$500,000	\$320,000	\$180,000					
DESCRIPTION							

Project Description:

Demolish 3 piers at Messick Point and replace 1 of the piers with pilings and decking. Add flush toilet and sink facilities.

Project Status:

The large pier was included in the FY 1999 CIP. The smaller pier and demolition was added in the FY 2000 CIP. The prior year CIP recommended \$380,000 for this project, but during the FY 2002 budget process only \$320,000 was funded. \$100,000 in grant funds are available through the Virginia Port Authority during FY 2002. We will apply for additional grant funds with the Virginia Port Authority during FY 2003. The 3 piers were demolished in the Fall 2001. A Request For Proposals is being prepared for an engineering firm to design the new pier. In order to get a permit for the new pier, restroom facilities must be provided.

Project Justification:

The new piers would be for public access and would provide water related recreational and commercial opportunities. The existing two smaller piers are extremely dangerous. These piers are essential to the City's watermen and are frequently used by both pleasure boaters and fishermen. A new pier would improve safety, increase access and promote recreational and business use of Messick Point. The restroom facilities are required by the Virginia Health Dept.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Engineering	\$20,000	General Fund Appropriation	
Demolition	30,000	FY 2001	\$200,000
Construction	390,000	FY 2002	20,000
Restroom Facilities	40,000	FY 2003	<u>180,000</u>
Contingency	<u>20,000</u>	Total	<u>\$400,000</u>
Total	<u>\$500,000</u>	Virginia Port Authority Grant	
		FY 2002	<u>\$100,000</u>
		Total	<u>\$500,000</u>

Project Category:
500 -- Parks and Recreation

Project Number and Title:
501. Messick Point Piers

Effect on Operating Budget:

\$10,000 annual maintenance increase. The new pier will have boat dock slips that the City can lease.

Estimated effect of completed project on operating budget

Increased revenue	\$10,000
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	\$10,000 annual maintenance
Net effect on annual operating budget	\$0 annually

Time Frame Analysis:

Project Schedule

Design of project	April 2002
Bid date	July 2002
Construction start date	September 2002
Completion date	December 2002

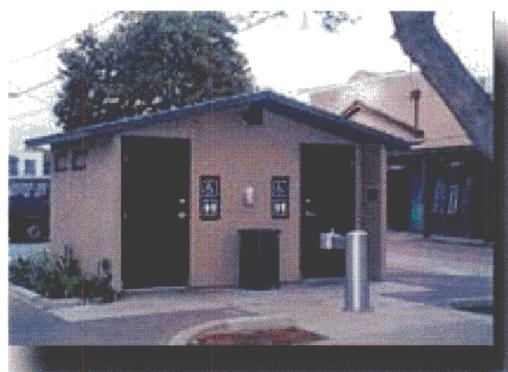
Relation to Other Projects:

Timed to be completed immediately after the completion of Messick Point Dredging.

Other Information:



Old Messick Pier Before Demolition



Prefab Restroom

Project Category:
500 -- Parks and Recreation

Project Number and Title:
502. Messick Point Boat Ramp

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$534,000	\$150,000	\$384,000					
DESCRIPTION							

Project Description:

This project proposes to rebuild and expand the existing boat ramp, construct a new short-term vehicle/boat trailer parking area, dredge boat ramp area, and add lighting at Messick Point.

Project Status:

This was a new project in the 2002 CIP. Grant funds through the Virginia Marine Resources Commission (VMRC) were pursued, but denied on November 13, 2001. VMRC requested that we have a professional rendering of the property and that several other stipulations be met. They suggested that we reapply for the grant in January 2002.

Project Justification:

The boat launching facilities at Messick Point are the primary public launching facilities in the City. During peak use times, the two existing ramps are highly congested. The river and tidal currents have been severely undercutting the ramp, making use of the ramps dangerous for boat trailers (several instances of damage have been reported). Parking is disorganized and occurs in a haphazard manner.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Design & Permitting	\$50,000	Grant/VMRC	
Preliminary Site Work	22,000	FY 2002	\$112,500
Addition of 3 rd Ramp	43,000	FY 2003	301,400
Demolish & Reconstruct 2 Ramps	88,000	Total Grant	<u>\$413,900</u>
Walkways & Wave Curtains	40,000	General Fund Appropriation	
Expand Existing Parking Lot	11,000	FY 2002	\$37,500
Construct Overflow Parking	131,000	FY 2003	82,600
Dredge & Disposal	46,000	Total General Fund	<u>\$120,100</u>
Security, Lighting & Signage	14,000	Total Revenues	<u>\$534,000</u>
20% Contingency	89,000		
Total Expenditures	<u>\$534,000</u>		

Project Category: 500 -- Parks and Recreation	Project Number and Title: 502. Messick Point Boat Ramp
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Project Justification (Continued)

This project would rehabilitate the existing two ramps and add one additional ramp and finger pier beside the existing ramps. A 38 vehicle/boat trailer parking area across the street from the ramps and 18 new single vehicle spaces are proposed. This parking area would be designed for day use only, but would include security lighting. Project also includes upgrades to existing signage.

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	\$1,400 annual maintenance
Net effect on annual operating budget	\$1,400 annually

Time Frame Analysis:

Even though money was budgeted in FY 2002, project has been delayed waiting for grant funding. This schedule assumes that grant funds are awarded in the spring of 2002.

Project Schedule

Design of project	May 2002
Bid date	August 2002
Construction start date	October 2002
Completion date	January 2003

Relation to Other Projects:

Timed to be completed immediately after the completion of Messick Point Dredging and Messick Point Pier Project.

Other Information:

This project is dependent on VMRC providing 75% of the funding for this project.

Project Category:
500 -- Parks and Recreation

Project Number and Title:
502. Messick Point Boat Ramp



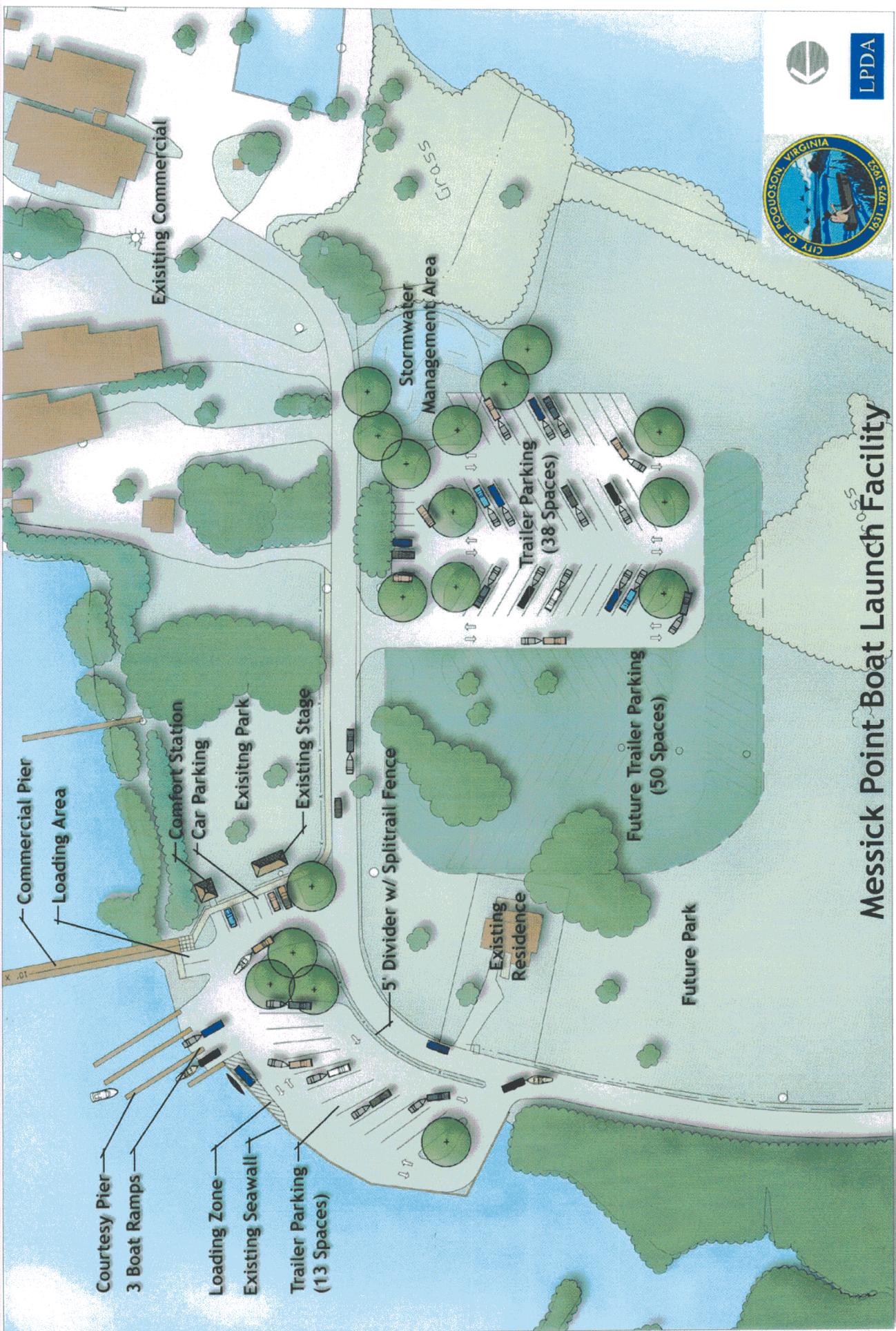
South Ramp



North Ramp



Parking and Bulkhead



LPDA



Messick Point Boat Launch Facility

Project Category: 500 -- Parks & Recreation			Project Number and Title: 503. Park Lighting				
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$126,000				\$126,000			
DESCRIPTION							

Project Description:

Provide lighting at sport parks in the City. One location is 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 is still not completed.

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: 503. Park Lighting
---	--

Effect on Operating Budget:

Operating expenses could increase by \$1,000 for electricity. No additional staff would be added.

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	\$1,000
Net effect on annual operating budget	\$1,000

Time Frame Analysis:

Project Schedule July 2004

Relation to Other Projects:

None

Other Information:



South Lawson Park

Project Category: 500 -- Parks & Recreation		Project Number and Title: 504. Recreation Center					
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$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. The project has been moved to beyond FY 2007.

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		
Construction	1,105,500		
Equipment	25,000		
Furnishings	25,000		
Other	<u>25,000</u>		
Total	<u>\$1,231,000</u>	Finance project over 20 years at 5.5% interest rate, costing \$103,009 annually.	

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

Effect on Operating Budget:

The City may go in partnership with a hospital or fitness provider who would provide a major portion of staffing of the building. 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	1.5
Additional salary costs	(\$34,000)
Additional other expenses	(\$50,000)
Debt Service	(\$103,009)
Net effect on annual operating budget	(\$103,009)

Time Frame Analysis:

Project Schedule

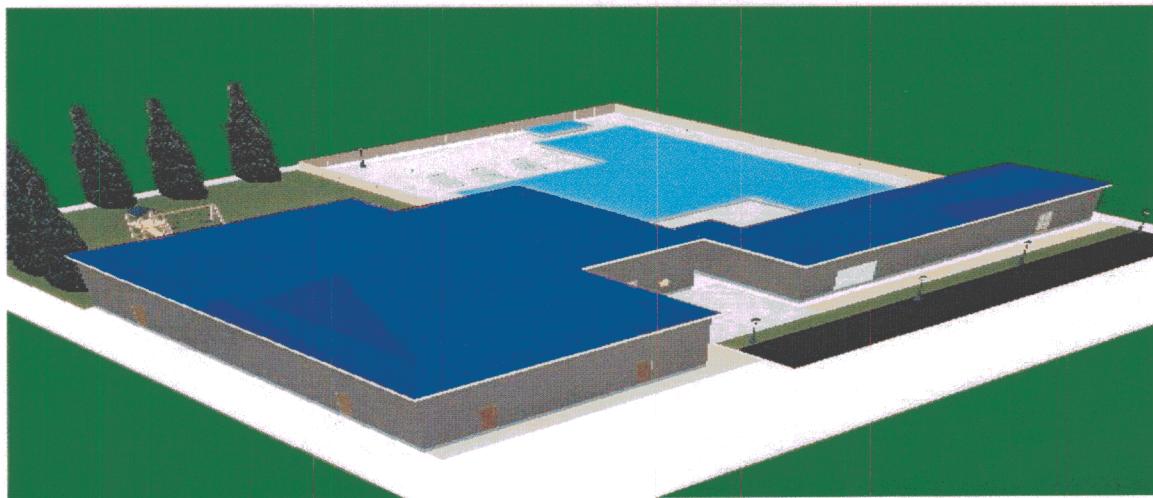
Design of project	January 2007
Bid date	May 2007
Construction start date	July 2007
Completion date	January 2008

Relation to Other Projects:

This project is related to the pool indoor conversion.

Other Information:

Proposed Recreation Center



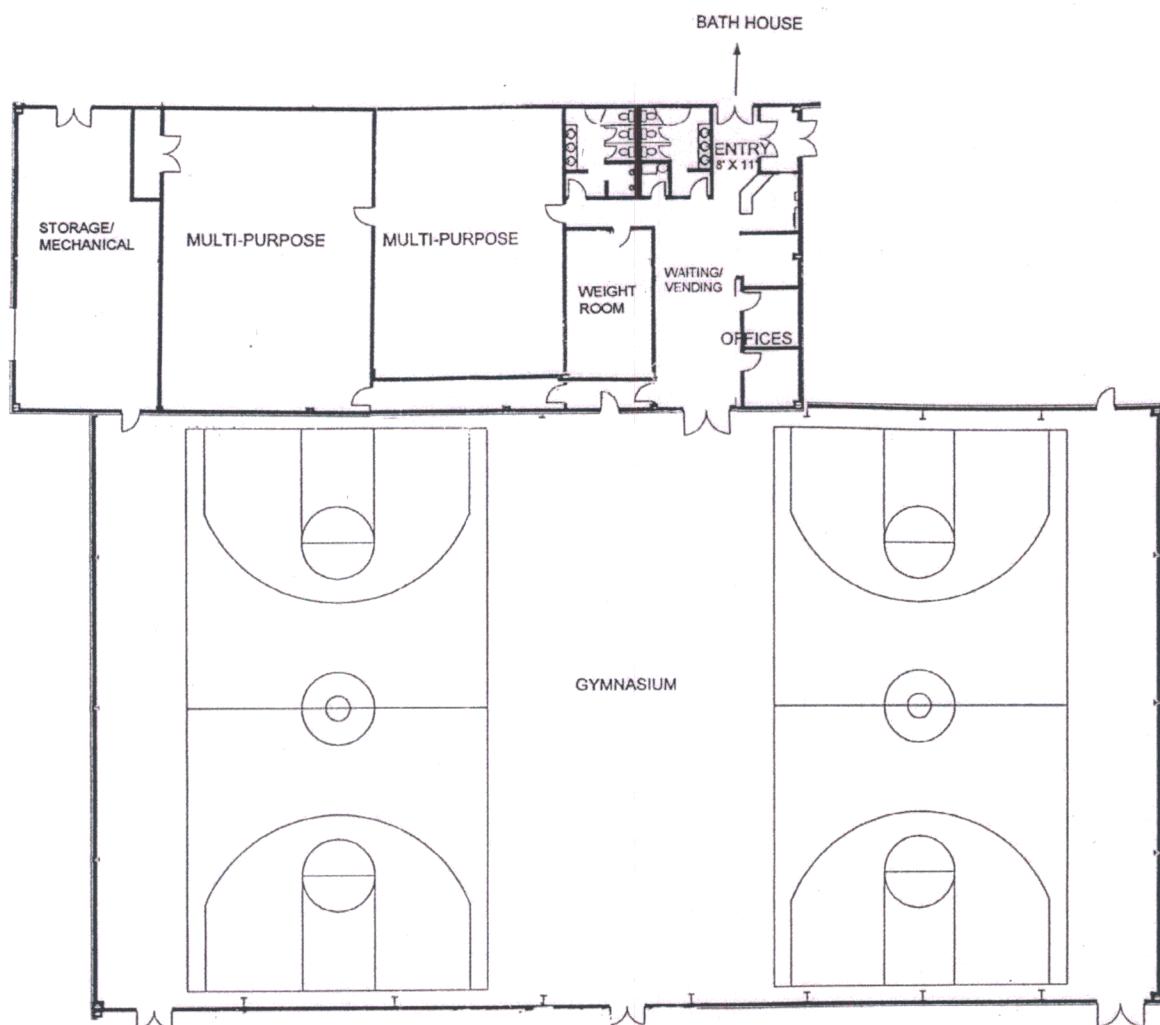
Project Category:
500 -- Parks & Recreation

Project Number and Title:
504. Recreation Center



Project Category:
500 -- Parks & Recreation

Project Number and Title:
504. Recreation Center



Project Category: 500 -- Parks & Recreation		Project Number and Title: 505. Park Improvements					
		UNAPPROPRIATED SUBSEQUENT YEARS					
Total Estimated Cost	Appropriation To Date	Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$32,000		\$32,000					
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,
- Extend electrical service to South Lawson Park, and
- Install port-a-jon blinds and vending area pads at Messick Point, Park Street and South Lawson parks.

Project Status:

This is a new project category for this CIP.

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
Improvements	<u>\$32,000</u>	General Fund Appropriation	<u>\$32,000</u>

Project Category: 500 -- Parks & Recreation	Project Number and Title: 505. Park Improvements
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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
Debt Service	N/A
Net effect on annual operating budget	N/A

Time Frame Analysis:

Complete various projects within FY 2003.

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						
\$29,600		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007	
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.

Project Justification:

The current vehicle will be 18 years old when replaced and mileage in excess of 160,000 miles. During the past 12 months 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>\$29,600</u>	General Fund Appropriation	<u>\$29,600</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	(\$3,000)
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	\$2,000
Net effect on annual operating budget	(\$1,000)

Time Frame Analysis:

FY 2004

Relation to Other Projects:

None

Other Information:



Project Category: 500 -- Parks and Recreation			Project Number and Title: 507. Skate Park Facility				
			UNAPPROPRIATED SUBSEQUENT YEARS				
Total Estimated Cost	Appropriation To Date		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007
\$30,000						\$30,000	
DESCRIPTION							

Project Description:

This project is to develop a small skateboard/roller blade facility at Municipal Park. The facility would consist of an 80 ft x 100 ft sealed asphalt pad surrounded by a 10 ft high chain link fence. There would be a combination of ramps and rails of varying designs.

Project Status:

This is a new project.

Project Justification:

Skateboarding and roller-blading are two of the fastest growing sports in the nation. Locally, more youths are participating. At the present time, Poquoson's children must either skate in unsafe areas, such as roads and parking lots, or go to other localities. This group of enthusiasts often skate in areas forbidden from this type of activity, such as shopping centers and the public schools.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Skate Park Facility	<u>\$30,000</u>	General Fund Appropriation	<u>\$30,000</u>

Project Category:
500 -- Parks & Recreation

Project Number and Title:
507. Skate Park Facility

Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	\$25,000
Decreased operating expenses	N/A
Number of new positions	4 part time
Additional salary costs	\$15,000
Additional other expenses	\$10,000
Net effect on annual operating budget	\$ 0

Time Frame Analysis:

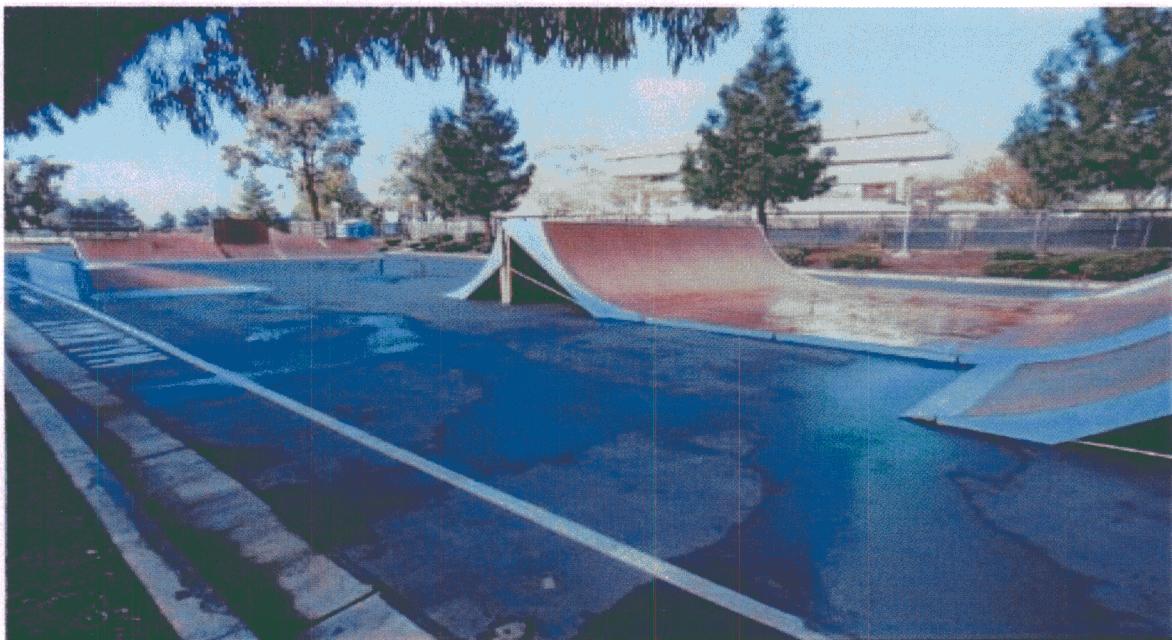
FY 2006

Relation to Other Projects:

None

Other Information:

Proposed Skate Park



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 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007	
\$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 play-set 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:

This is 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 to have 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	<u>\$60,000</u>

Project Category:
500 -- Parks & Recreation

Project Number and Title:
508. Park 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 2004 and FY 2005

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 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007	
\$316,000							\$316,000	
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.

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>\$316,000</u>	General Fund Appropriation	<u>\$316,000</u>
<p>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.</p>			

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 2007

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



- 1. 350 car parking lot
- 2. Entry Gatehouse
- 3. Restrooms
- 4. Sand Volleyball Courts
- 5. Basketball Courts
- 6. Baseball Fields
- 7. Concession & Maintenance Bldg.
- 8. Softball Fields
- 9. Soccer Field
- 10. 1/4 Mile walking path

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	\$18,150
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	\$12,100
Additional other expenses	\$6,050 operating costs
Net effect on annual operating budget	None

Time Frame Analysis:

FY 2003

Relation to Other Projects:

None

Other Information:

Outside the dome and then inside the dome.



