STAFFORD COUNTY SCHOOL BOARD

Agenda Consideration

TOPIC: FY2007-2012 Capital Improvements Program

ITEM NO.: 4F

PREPARED BY: Scott Horan, Executive Director Planning & Construction

Andre′ A. Nougaret, Assistant Superintendent for Support Services

MEETING: January 10, 2006
ACTION DATE: February 14, 2006

ACTION REQUESTED BY THE SUPERINTENDENT: That the School Board approve the proposed FY2007-2012 Capital Improvements Program (CIP).

KEY POINTS:

1. The Stafford County Public School's CIP provides for a comprehensive planning and acquisition roadmap that identifies and articulates the needs for new schools, critical renovations/additions, upgrades/repairs to existing school infrastructure and other essential capital equipment.

2. The proposed FY2007- FY2012 CIP details five categories: new school construction, school renovation/additions, support facility construction/renovation/additions, infrastructure and buses. Collectively these categories include three (3) new school construction efforts, partial funding for three (3) additional schools, a new Head Start Facility, a new Alternate Education Facility, eleven (11) renovation/additions, three (3) support facility construction/addition efforts, a variety of infrastructure projects, a land bank effort (identifies a need to acquire land for future (5-15 years) school sites) and the procurement of 192 new and replacement buses. The proposed CIP cost reflects a $136.7M increase from the FY2006-2011 CIP.

3. Driven in large part by increases in projected student enrollment, the FY2007-FY2012 CIP forecast an estimated increase of 6,800 additional students between September 2005 and July 2012. Another significant part of the FY2007-FY2012 CIP is the addition of several school renovation/addition projects. As the SCPS physical plant increases in size and age, staff felt compelled to establish a comprehensive assessment program to assist in the overall capital improvement (major repair, maintenance and renovation) of the plant. The assessment program will identify major repair, maintenance and renovation upgrades for our schools. Criteria for prioritization of the renovations are based on age of facility and condition. This criteria will be enhanced when our facilities assessment database is populated.

4. Staff used a base line cost of $150 per square foot for new construction in FY07 and an 8% cost escalation factor for each year from FY08-12. SCPS recently paid $137/sf (MS2006 – March 2005) and $139/sf (ES2006 – June 2005) for school construction. Applying an 8% escalation factor to these figures helped us determine the $150/sf cost used for the base line for our FY07 projects. For renovation projects, staff used a cost

of $110/sf for major renovation and $39/sf for minor renovation with an 8% escalation cost. Staff used a base line cost of $65K per acre for land value.

5. The proposed SCPS FY2007- FY2012 CIP is attached. A work session has been planned during the February 3-4 School Board Retreat to review the CIP with the School Board.

SCHOOL BOARD GOAL: #5 – Provide facilities that promote student learning and and community support.

#7 – Provide school environments where teachers are safe to teach and students are safe to learn.

FUNDING SOURCE: VPSA

AUTHORIZATION REFERENCE: Stafford County School Board Policy 4-12
Stafford County School Board Policy 4-29

Stafford County Public Schools

Capital Improvements Program
2007-2012

Approved by School Board, xxxxx xx, 2006

Deborah Stewart
Clerk of the Board

SCHOOL BOARD ADOPTED
FY2007 THROUGH FY2012
CAPITAL IMPROVEMENTS PROGRAM

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Introduction

The Stafford County Public Schools Capital Improvements Program provides a planned schedule for Capital Improvements to school, administrative and support facilities, and pupil transportation equipment over a six-year period from Fiscal Year (FY) 2007 through 2012.

The objectives of the CIP are:

- To provide the facilities needed to achieve state educational objectives.
- To provide new schools, renovations and additions needed to keep pace with the growth in student enrollments resulting from the county's growth.
- To provide technological resources (voice, data and video) needed to equip students and employees with the tools necessary to maximize educational experiences.
- To provide parity in school facilities and educational opportunities throughout the county.
- To provide appropriate facilities for the educational and developmental needs of special student populations.
- To provide facilities for specialized programs essential to middle and high schools such as career and technical education and extra-curricular programs.
- To provide adequate facilities for administrative and support services.
- To provide facility infrastructure upgrades including roof, pavement, HVAC systems and other upgrade projects for the continued upkeep of the school division physical plant.
- To provide safe transportation of students to and from all schools.
- To provide facilities and equipment which comply with all applicable federal, state and local regulations.
- **To provide for all requirements listed above in the most cost-effective manner.**

History

Since 1986, enrollments in Stafford County Schools have increased from about 10,500 to over 25,000 students. This high rate of growth is expected to continue well into the future (see projections in Support Information at the end of this CIP). Since 1986, Stafford County has responded to this growth in enrollments with nine (9) new elementary schools, four (4) new middle schools, three (3) new high schools, thirteen additions to elementary schools and two additions to middle schools as well as numerous minor and major renovations/upgrade projects to all three levels of schools. The School Division has recently opened Margaret Brent Elementary School in 2004. Mountain View High School and Conway Elementary School opened in 2005. MS2006 (Grafton) and ES2006 (Austin Ridge) are expected to open in 2006. Middle School Additions/renovations at Stafford Middle School and A.G. Wright Middle School will be completed in September 2007. The Central Support (Maintenance/Food Nutrition) Warehouse Addition and the new Pupil Transportation Facility will be completed in 2007. MS2008 (Widewater) and ES2008 (Gari Melchers) are expected to open in September 2008 and HS2009 (South) is expected to open in September 2009.

The Stafford County Public Schools CIP has provided and continues to provide for orderly planning for needed additions and improvements in school facilities, pupil transportation equipment, and administrative support facilities. With continued support from the Board of Supervisors and from Stafford County citizens for the essential school capital improvements, the county can maintain the momentum achieved during the last 19 years and continue to provide adequate facilities for all students of Stafford County Public Schools.

What's New?

The FY 2007 – FY 2012 Capital Improvement Program (CIP) builds upon and updates the previous program (FY2006 – FY 2011). This most current program contains several significant changes and updates, which are shared as follows:

- Enrollment projections have been updated to reflect current enrollment and future projections (based on a January 2005 formal assessment and Fall 2005 revision/update).
- Established FY07 new school construction baseline cost (building) at $150/sf.
- Established a FY07 renovation baseline cost (over 20 years) at $110 per square foot; (under 20 years) at $39 per square foot.
- Established an 8% construction cost escalation factor per year.
- Established a $65,000 per acre estimate for land cost.
- Added a Land Bank effort in FY07.
- Added of nine (9) major school renovation/addition projects:
    - Stafford MS – 2006/2007
    - A.G. Wright MS – 2006/007
    - Grafton Village ES – 2007/2008
    - Falmouth ES – 2007/2008
    - Stafford ES – 2009/2010
    - Moncure ES – 2009/2010
    - Hartwood ES – 2011/2012
    - Ferry Farm ES – 2011/2012
    - Drew MS – 2012/2013
- Added one (1) minor addition project:
    - Brook Point HS – 2,000 sf Culinary Arts Classroom in 2007
- Added a 20,000 sf Alternate Education Facility in 2009.
- Added a 25,000 sf Head Start Facility in 2011.
- Added an 1800 student HS in 2013.
- Added a 950 student ES in 2014.
- Postponed an 1100 student MS from 2010 to 2013.

Glossary of Terms

Building Cost	All construction work associated with the construction of the school building itself. When determining cost per square foot, staff uses a gross square foot calculation of the building.
Building Construction Cost Baseline	Building cost per square foot used to develop baseline cost estimate in CIP.
Capital Improvements Program (CIP)	Document designed to identify an organization's future capital requirements; usually presented in 5 – 6 year planning window. Costs are programming estimates only. Detailed costs for each project are developed during the design phase of the project.
Construction Cost (project sheet)	Cost identified on a CIP project work sheet. These cost includes all site work (grading, utilities, parking, etc…), building construction/renovation/repair/maintenance. Depending upon the project, some casework, lockers, shelving, etc… are included.
Construction Escalation Percentage	Estimated annual increase in construction material and labor. FY07-12 CIP uses an 8% cost increase for construction material and labor. Staff used this percentage after reviewing cost of recent school construction projects in adjacent counties in the state, consulting with cost estimating professionals, reviewing trends in the construction market and normal inflation projections
Design-Bid-Build	Traditional procurement method for constructing facilities. Design is separate contract between owner (SCPS) and architect/engineering firm. Construction contract using the facility design is packaged in RFP utilizing Virginia Procurement low bid process. Owner than provides oversight of contractor.

Design-Build	Procurement method for constructing facilities. Single contractor is hired to provide design and construct services for a specific effort.
Furniture, Loose Furnishing & Equipment Cost (FFE) (project sheet)	Cost identified on a CIP project work sheet. These cost include all furniture, fixtures and equipment (not included in the construction cost) required to completed a project. Typically FFE cost are roughly 5% of construction cost for ES & MS and 6% for HS
Hardware/Software Cost (project sheet)	Cost identified on a CIP project work sheet. These cost include all computer and electronic hardware and software required to complete a project. Typically cost are roughly 4% of construction cost for ES & MS and 5% for HS
Land Cost (project sheet)	Cost identified on a CIP project work sheet. These cost include the cost of the land for a project.
Land Bank	Identify and acquire land parcels throughout the county suitable for future school sites.
Infrastructure	All SCPS maintenance, repair and replacement projects in support of existing building systems and infrastructure (roofs, roads/parking lots, HVAC equipment, etc….)
New School Construction	All new Stafford County Public School (SCPS) school construction projects with a direct impact to educational programs (schools, head start, alternate education, land, etc…)
New School Development Methodology	The process off how staff introduces new schools into the CIP. Using the most current student enrollment projection, staff compares enrollments with school capacity and when utilization rates exceed 100% for a specific school level (elementary, middle or high) a new school is added to the CIP to be

completed in that year. However, there will be occasions when new schools will be added to the CIP if individual schools or geographic regions within a school level exceed capacity while the overall school level utilization rate is less than 100%

Other (project sheet)

Cost identified on a CIP project work sheet. These cost include admin cost to staff project management/inspection services and project contingency typically 3% for new construction and 6% for renovations/repair/maintenance

Planning & Design (project sheet)

Cost identified on a CIP project work sheet. These cost include all professional services required to complete the project and include but limited to land appraisals, land feasibility studies, geotechnical services, environmental services, specialized inspection services and architectural/engineering services. Typically Planning and Design cost are roughly 6.5% - 8.5% of estimated construction/renovation cost.

Public-Private Education Facilities & Infrastructure Act – PPEA

Passed in 2002 by the General Assembly to allow agencies, institutions, and localities to form partnerships with the private sector. Through these partnerships, the public and private sectors work together to complete major projects, like building new schools and jails, to serve the public interest. The law was amended in 2003 to include information technology (IT) infrastructure projects, like building new data centers. PPEA allows for design-build delivery method, alternative project funding opportunities and contract award using evaluation criteria vice low bid.

Renovation (Major)

Major renovation includes building upgrades to bring school/facility space in compliance with current building codes, replacement of major building systems (roof, HVAC, pavements, finishes, kitchen, etc…). Current estimate used in CIP for major renovation is

	$110 per square foot. Major renovation term applied to facility space older than 20 years that has not gone through significant upgrades. Can include major program changes to meet current education requirements
Renovation (Minor)	Minor renovation includes building upgrades to correct minor or small upgrades in building systems and code compliance. Current estimate used in CIP is $39 per square foot. Does not include major program changes in education requirements
Site Cost	All construction cost associated with preparation of the school construction site (non-building) to include utilities, grading, environmental remediation, parking lots, storage sheds, etc…
Student Enrollment Projections	Future projections of students entering into Stafford County Public Schools. Projections are developed by reviewing all current and future subdivision plans submitted to the county, information available on major demographic changes (BRAC) to Stafford County, modeling software to estimate number of children per type of dwelling and historical data.
Support Facilities	All SCPS new construction or renovation projects in support of new or existing support functions to include pupil transportation, fleet services, maintenance, food nutrition, safety and security, etc…

PROJECT SUMMARY FORM (IN 000S)	*DEPARTMENT NAME School Board*	*Total Funding:*	*$325,898*
		Total Projects:	*25**

CAPITAL PROJECT DETAIL	PRIOR EXPEND	BUDGET YEAR FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FUNDING SOURCES
School - New Construction	$8,313	$26,478	$69,009	$37,450	$7,900	$18,552	$51,361	VPSA
School - Additions/ Renovations	$3,548	$15,720	$13,617	$7,604	$13,762	$10,600	$16,324	VPSA
Support Facilities - New/ Renovation	$1,256	$2,483	$1,994					VPSA
Infrastructure		$7,720	$2,590	$2,785	$2,100	$2,200	$2,300	VPSA
Buses		$1,851	$1,877	$1,340	$2,211	$2,945	$3,125	VPSA
Total		$54,252	$89,087	$49,179	$25,973	$34,297	$73,110	

** Project total reflects Buses as one (1) project and Infrstructure as three (3) projects; Infrastructe includes site improvements, environmental upgrades and roof repair/replacement projects*

School - New Construction

PROJECT SUMMARY FORM (IN 000S)	*DEPARTMENT NAME School Board*	*Total Funding:*	*$210,750*
		Total Projects:	*8*

CAPITAL PROJECT DETAIL	TOTAL PROJECT COST	PRIOR EXPEND	BUDGET YEAR FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FUNDING SOURCES
New School Construction									
Land Bank	$8,400		$4,500	$3,900					VPSA
Elementary School 2008	$22,260		$3,650	$18,610					VPSA
Middle School 2008	$33,636	$3,313	$15,400	$14,923					VPSA
High School 2009	$65,526	$5,000	$2,500	$29,076	$28,950				VPSA
Alternate Education Facility (Gari Melchers) - 2009	$6,578		$428	$2,500	$3,650				VPSA
Head Start Facility (Gari Melchers) - 2011	$9,616				$300	$2,400	$6,916		VPSA
Middle School 2013	$48,114					$3,500	$4,638	$17,998	VPSA
High School 2013	$81,668				$4,550	$2,000	$6,998	$32,063	VPSA
Elementary School 2014	$32,982							$1,300	VPSA
Total		$8,313	$26,478	$69,009	$37,450	$7,900	$18,552	$51,361	

Department: School Board

Land Bank

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Obtain land for school sites 5-15 years in the future. Many of the land sites may currently be out of the urban growth boundary and may not have County sewer and water readily accessible to the site. Staff is targeting land parcels from 20 acres - 70 acres + for elementary, middle and high school sites.

Elementary School Site = 20 acres
Middle School Site = 40 acres
High School Site = 70 acres

Estimate a cost of $65 per acre x 130 acres = $8.4M

JUSTIFICATION

The County and School District land proffers are quickly being depleted with no new land proffers coming into the county inventory and the future prospect of new land proffers being low. Land cost throughout the county are increasing in value each day and by appropriating land today for future school sites in the long run could save the county critical resources in the future.

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $

2. Project Priority

Essential	
Necessary	X
Continuing	

3. Project Type

New	X
Maintenance	
Replacement	

4. Project Cost Estimates

Land	$ 8,400
Construction	
Planning and Design	
Equipment	
Debt Issue Cost	
Hardware/Software	
Other	
TOTAL	$ 8,400

5. Recommended Annual Appropriation

Prior Expenditures		$ -
Budget Year (FY 2007)		4,500
FY2008	3,900	
FY2009		
FY2010		
FY2011		
FY2012		
FY 2008-2012		3,900
TOTAL Project Cost		$ 8,400

6. Recommended Financing

Current Revenue	-
Bonds (VPSA Loans)	8,400
Utility Fund	-
State	-
Federal	-
Private	-
Other (Proffered Land)	-
TOTAL	$ 8,400

Department: School Board

Elementary School 2008

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Construct a 950 student elementary school for grades k through 5. A new elementary school will be needed by the fall of 2008 to accommodate the growing student population at the elementary school level.

This project will include cabling, computers, printers, computer furniture, and audio/visual equipment needed to network and equip the school. Site location has been approved for Gari Melcher Complex

In order to open ES2008 in Sept 2008, the following milestones must be achieved: Design and TRC review must be completed no later than Dec 2006; project must be awarded no later than March 2007 with construction starting no later than April 2007

JUSTIFICATION

Preliminary data indicate that total projected elementary enrollments will be at or near capacity by the fall of 2008.

Construction cost use 88,000 sf x $150/sf ($13.2M), Site work $3.5M; with escalation cost at 8% per year for 1.5 years ($2M)

No cost for land due to constructing on SCPS owned property

ESTIMATED OPERATING IMPACT

Start-up(FY08) = $712,184

Start-up (FY09) = $351,217

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $1,580,000

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	X
Maintenance	
Replacement	

4. Project Cost Estimates

Land	-
Construction	18,700
Planning and Design	1,216
Equipment	935
Debt Issue Cost	-
Hardware/Software	748
Other	661
TOTAL	$ 22,260

5. Recommended Annual Appropriation

Prior Expenditures		$ -
Budget Year (FY 2007)		3,650
FY2008	18,610	
FY2009		
FY2010	-	
FY2011	-	
FY2012	-	
FY 2008-2012		18,610
TOTAL Project Cost		$ 22,260

6. Recommended Financing

	YEAR	AMOUNT
Current Revenue		-
Bonds (VPSA Loans)		22,260
Utility Fund		-
State		-
Federal		-
Private		-
Other (Proffered Land)		-
TOTAL		$ 22,260

Department: School Board

Middle School 2008 - (Widewater)

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Construct an 1100 student middle school for grades 6 through 8. Two new middle schools were required by the fall of 2005 to accommodate the growing student population at the middle school level. One MS (MS2006 - Grafton) was approved and funded to open Sep 2006. A second MS (MS2008 - Widewater) was approved to open in Sep 2008. This project will include cabling, computers, printers, computer furniture, and admin/educational furniture audio/visual equipment needed to network and equip the school. Design is underway and will be completed no later than Feb 2006. Award of the construction construct no later than March 2006; constuction completion no later than June 2008. Location of this new middle school site will be on a proffered site off Telegraph Road near Widewater Elementary School.

JUSTIFICATION

Current enrollment projections indicate that by 2005 the total middle school student population will be at or near middle school building capacities.
Land cost are estimated at $50K per acre x 22 acres = $1.1M
Construction cost use 145,353 sf x 150/sf ($21.8M); site work cost use$3.5M
Escalation 8% per year for 1.5 years ($3M)

ESTIMATED OPERATING IMPACT

start-up(FY08) = $1,217,100

start-up(FY09) = $460,798

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $2,387,000

This project will be built on proffered land. The land, valued at 1.1M, is not an expense to SCPS. Total actual project costs are $33,636,000.

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	X
Maintenance	
Replacement	

4. Project Cost Estimates

Land	$ -
Construction	28,300
Planning and Design	1,840
Equipment	1,415
Debt Issue Cost	-
Hardware/Software	1,132
Other	949
TOTAL	$ 33,636

5. Recommended Annual Appropriation

Prior Expenditures		$ 3,313
Budget Year (FY 2007)		15,400
FY2008	14,923	
FY2009		
FY2010		
FY2011		
FY2012		
FY 2008-2012		14,923
TOTAL Project Cost		$ 33,636

6. Recommended Financing

Current Revenue	-
Bonds (VPSA Loans)	33,636
Utility Fund	-
State	-
Federal	-
Private	-
Other (Proffered Land)	-
*see note in debt service	
TOTAL	$ 33,636

Department: School Board

High School 2009

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Construct an 1800 student secondary school for grades 9 through 12. A new secondary school is needed by the fall of 2007 to accommodate the growing student population at the secondary school level, however funding was approved to open a new secondary school in Sep 2009. This project will include cabling, computers, printers, computer furniture, admin/educational furniture and audio/visual equipment needed to network and equip the school. The school will be constructed with classrooms and core facilities to accommodate 1800 students.

In order to open HS2009 in Sept 2009, the following milestones must be achieved:
Site location/acquisition must be established no later than Feb 2006
Design must be completed no later than Dec 2006; construction must start no later than Mar 2007.
Site Location TBD

JUSTIFICATION

Current enrollment projections indicate that the total secondary school student population will be above current capacity by the fall of 2007.
Land cost estimated at $65K/acre x 70 acres ($4.55M)
Construction cost use 245,000 sf x 150/sf ($38.1M); site work ($4M);
Escalation of 8% for 2.5 years ($8.42M)

ESTIMATED OPERATING IMPACT

Start-up(FY09) = $1,923,097

Start-up(FY10) = $748,847

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $4,650,000

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	X
Maintenance	
Replacement	

4. Project Cost Estimates

Land	$ 4,550
Construction	$ 50,520
Planning and Design	3,284
Equipment	3,031
Debt Issue Cost	-
Hardware/Software	2,526
Other	1,615
TOTAL	$ 65,526

5. Recommended Annual Appropriation

Prior Expenditures		$ 5,000
Budget Year (FY 2007)		2,500
FY2008	29,076	
FY2009	28,950	
FY2010		
FY2011		
FY2012		
FY 2007-2011		58,026
TOTAL Project Cost		$ 65,526

6. Recommended Financing

Current Revenue	
Bonds (VPSA Loans)	65,526
Utility Fund	
State	
Federal	
Private	
Other (Proffered Land)	
TOTAL	$ 65,526

Department: School Board

Alternative Education Facility - 2009

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Construct a 25,000 sf facility to house Stafford County's Alternative Education Facility. Facility is envisioned as a two-story building with appropriate parking and support requirements. Project will include demolition of existing substandard and dilapidated storage facilities at the Gari Melchers Complex. and construction of the new facility on the same site.

Alt Ed Facility is expected to house a student population that ranges from 100 - 200 students and have operating hours from 7:00 am - 10:00 pm

This project will include cabling, computers, printers, computer furniture, admin/educational furniture, and audio/visual equipment needed to network and equip the school.

JUSTIFICATION

Existing facility space supporting the Stafford County's Alternative Education Facility is inadequate, old, inefficient and not conducive to the School Districts Mission Statement or its supporting goals. Facility space currently uses the old Gayle Middle School open style campus buildings. Building condition is poor and all major building systems are in need of major repair and/or replacement as identified in the 2005 Construction Feasibility Study conducted by SHW Group Inc.

Construction cost use 25,000 sf x 150/sf ($3.75M); Site work $.5M. Demolition of existing storage facilities @ $.15M; escalation at 8% per year for three years ($1.1M)

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $466,730

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	
Maintenance	
Replacement	X

4. Project Cost Estimates

Land	-
Construction	5,500
Planning and Design	358
Equipment	275
Debt Issue Cost	-
Hardware/Software	220
Other	225
TOTAL	$ 6,578

5. Recommended Annual Appropriation

Prior Expenditures		$ -
Budget Year (FY 2007)		428
FY2008	2,500	
FY2009	3,650	
FY2010	-	
FY2011	-	
FY2012	-	
FY 2008-2012		6,150
TOTAL Project Cost		$ 6,578

6. Recommended Financing

Current Revenue	-
Bonds (VPSA Loans)	6,578
Utility Fund	-
State	-
Federal	-
Private	-
Other (Proffered Land)	-
TOTAL	$ 6,578

Department: School Board

Head Start Facility - 2011

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Construct a 28,000 sf facility to house Stafford County's Head Start Program. Facility is envisioned as a single story building with appropriate parking and support requirements. Project will include demolition of existing substandard and dilapidated facilities at the Gari Melchers Complex including all buildings listed in the 2005 Construction Feasibility Study conducted by SHW Group Inc. This project will include cabling, computers, printers, computer furniture, admin/educational furniture and audio/visual equipment needed to network and equip the school.

Design should begin no later than 2008; contract award should be made no later than March 2009 with construction completion June 2011.

Cost will be incurred for relocation of Head Start to lease space unless temporary relocation in existing school.

JUSTIFICATION

Existing facility space supporting the Stafford County's Head Start Facility is inadequate, old, inefficient and not conducive to the School Districts Mission Statement or its supporting goals. Facility space currently uses the old Gayle Middle School open style campus buildings. Building condition is poor and all major building systems are in need of major repair and/or replacement as identified in the 2005 Construction Feasibility Study conducted by SHW Group Inc.

Construction cost use 28,000 sf x 150/sf ($4.2M); Site work $.75M. Demolition of existing facilities @ $.5M; escalation at 8% per year for four years ($1.75M)

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $682,300

2. Project Priority

Essential	
Necessary	X
Continuing	

3. Project Type

New	
Maintenance	
Replacement	X

4. Project Cost Estimates

Land	-
Construction	7,200
Planning and Design	468
Equipment	360
Debt Issue Cost	-
Hardware/Software	288
Other**	1,300
TOTAL	$ 9,616

*** Includes potential lease expenses up to $1M*

5. Recommended Annual Appropriation

Prior Expenditures		$ -
Budget Year (FY 2007)		-
FY2008	-	
FY2009	300	
FY2010	2,400	
FY2011	6,916	
FY2012	-	
FY 2008-2012		9,616
TOTAL Project Cost		$ 9,616

6. Recommended Financing

Current Revenue	-
Bonds (VPSA Loans)	9,616
Utility Fund	-
State	-
Federal	-
Private	-
Other (Proffered Land)	-
TOTAL	$ 9,616

Department: School Board

Middle School 2013

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Construct an 1100 student middle school for grades 6 through 8.
A new middle school will be needed by the fall of 2013 to accommodate the growing student population at the middle school level.
This project will include cabling, computers, printers, computer furniture, admin/educational furniture and audio/visual equipment needed to network and equip the school.
In order to open MS2013 in Sept 2013, the following milestones must be achieved:
Site location/acquisition must be established no later than Sep 2009
Design must start no later than Mar 2010; design completed no later than Feb 2011; construction award no later than Jun 2011; construction complete May 2013.
Location for this new middle school TBD

JUSTIFICATION

Current enrollment projections indicate that by 2011 the total middle school student population will be at or near middle school building capacities.
Land cost estimate at $65K per acre x 40 acres ($2.6M)
Construction cost use 145,353 sf x 150/sf ($21.8M); site work $3.5M
Escalation at 8% per year for 6.5 years ($13.1M)

ESTIMATED OPERATING IMPACT

Start-up (FY13) = $1,875,852

Start-up (FY14) = $762,902

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $3,416,000

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	X
Maintenance	
Replacement	

4. Project Cost Estimates

Land	$ 2,600
Construction	38,400
Planning and Design	2,496
Equipment	1,920
Debt Issue Cost	
Hardware/Software	1,536
Other	1,192
TOTAL	$ 48,144

5. Recommended Annual Appropriation

Prior Expenditures		
Budget Year (FY 2007)		
FY2008		
FY2009		
FY2010	3,500	
FY2011	4,638	
FY2012	17,998	
FY 2007-2011		26,136
TOTAL Project Cost		$ 26,136

6. Recommended Financing

Current Revenue	
Bonds (VPSA Loans)	48,144
Utility Fund	
State	
Federal	
Private	
Other (Proffered Land)	
TOTAL	$ 48,144

Department: School Board

High School 2013

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Construct an 1800 student secondary school for grades 9 through 12. A new secondary school will be needed by the fall of 2013 to accommodate the growing student population at the secondary school level.

This project will include cabling, computers, printers, computer furniture, admin/educational furniture and audio/visual equipment needed to network and equip the school. The school will be constructed with classrooms and core facilities to accommodate 1800 students

In order to open HS2013 in Sept 2013, the following milestones must be achieved:
Site location/acquisition must be established no later than June 2009
Design must start by Dec 2009; design complete Dec 2010;
construction award no later than Mar 2011; construction complete no later than May 2013
Site Location TBD

JUSTIFICATION

Current enrollment projections indicate that the total secondary school student population will be above current capacity by the fall of 2007.
Land cost estimated at $65K acres x 70 acres ($4.55M)
Construction cost use 245,000 sf x 150/sf ($38.1M); site work ($4M);
Escalation cost 8% per year for 6.5 years ($21.9M)

ESTIMATED OPERATING IMPACT

Start-up(FY13) = $2,695,555

Annual(FY14) = $1,128,411

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $5,795,000

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	X
Maintenance	
Replacement	

4. Project Cost Estimates

Land	$ 4,550
Construction	$ 64,000
Planning and Design	4,160
Equipment	3,840
Debt Issue Cost	-
Hardware/Software	3,200
Other	1,918
TOTAL	$ 81,668

5. Recommended Annual Appropriation

Prior Expenditures		
Budget Year (FY 2007)		
FY2008		
FY2009	4,550	
FY2010	2,000	
FY2011	6,998	
FY2012	32,063	
FY 2008-2012		45,611
TOTAL Project Cost		$ 45,611

6. Recommended Financing

Current Revenue	
Bonds (VPSA Loans)	81,668
Utility Fund	
State	
Federal	
Private	
Other (Proffered Land)	
TOTAL	$ 81,668

Department: School Board

Elementary School 2014

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Construct a 950 student elementary school for grades k through 5. A new elementary school will be needed by the fall of 2014 to accommodate the growing student population at the elementary school level.

This project will include cabling, computers, printers, computer furniture, admin/educational furniture and audio/visual equipment needed to network and equip the school.

In order to open ES2014 in Sept 2012, the following milestones must be achieved:

Site location/acquisition must be established no later than Dec 2011

Design must be completed no later than Dec 2012; construction award must take place no later than April 2013.

Site Location TBD

JUSTIFICATION

Preliminary data indicate that total projected elementary enrollments will be at or near capacity by the fall of 2012.

Land cost estimated at $65K per acre x 20 acres = $1.3M

Construction cost use 88,0000 x 150/sf ($13.2M); site work ($3.5M)

Escalation at 8% per year for 7.5years ($10M)

ESTIMATED OPERATING IMPACT

Start-up(FY14) = $1,105,486

Annual(FY15) = $567,461

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $2,340,400

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	X
Maintenance	
Replacement	

4. Project Cost Estimates

Land	$ 1,300
Construction	$ 26,720
Planning and Design	1,737
Equipment	1,336
Debt Issue Cost	-
Hardware/Software	1,069
Other	823
TOTAL	$ 32,985

5. Recommended Annual Appropriation

Prior Expenditures		
Budget Year (FY 2007)		
FY2008		
FY2009		
FY2010		
FY2011		
FY2012	1,300	
FY 2008-2012		1,300
TOTAL Project Cost		$ 1,300

6. Recommended Financing

	YEAR	AMOUNT
Current Revenue		
Bonds (VPSA Loans)		32,985
Utility Fund		
State		
Federal		
Private		
Other (Proffered Land)		
TOTAL		$ 32,985

School New Renovation/Additions

PROJECT SUMMARY FORM (IN 000S)	*DEPARTMENT NAME School Board*	*Total Funding:*	*$77,627*
		Total Projects:	*11*

CAPITAL PROJECT DETAIL	TOTAL PROJECT COST	PRIOR EXPEND	BUDGET YEAR FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FUNDING SOURCES
School Renovation/ Additions									
Addition (Weight Room) - SHS	$631	$438	$193						VPSA
Addition/Renovation - A.G. Wright MS	$6,969	$1,360	$5,609						VPSA
Addition/Renovation - Stafford MS	$5,498	$1,550	$3,948						VPSA
Renovation GVES	$8,720	$100	$2,710	$5,910					VPSA
Renovation FES	$8,720	$100	$2,710	$5,910					VPSA
Addition (Culinary Arts) - BPHS	$797		$550	$247					VPSA
Renovation SES	$10,449			$1,000	$3,704	$5,745			VPSA
Renovation MES**	$11,067			$550	$3,900	$6,617			VPSA
Renovation - HES	$9,461					$600	$4,500	$4,361	VPSA
Renovation - FFES	$11,363					$800	$5,100	$5,463	VPSA
Renovation - DMS*	$15,885						$1,000	$6,500	VPSA
Total		$3,548	$15,720	$13,617	$7,604	$13,762	$10,600	$16,324	

** Drew MS total renovation cost extends into FY13 ($8,685K)*

*** Moncure ES is being evaluated for a potential PPEA (to sell and build on new site); planned renovation would be cancelled*

Department: School Board

Gym Addition (Weight Rm) - Stafford HS

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Project includes the construction of a 2100 SF (80'x26') addition to the existing Stafford Senior High School gym to facilitate weight and strength training in support of student P.E. programs and the athletic team requirements. Project construction will match existing CMU block with brick finish, steel joist and built-up roofing system.

JUSTIFICATION

Stafford High School weight room space to support weight and strength training for student P.E. and athletic programs is inadequate and does not meet Stafford County Public School space requirements. This project provides the space required and creates parity between all of the County High Schools. It also establishes a safe and effective environment for weight lifting and strength training.

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $44,800

2. Project Priority

Essential	
Necessary	X
Continuing	

3. Project Type

New	X
Maintenance	
Replacement	

4. Project Cost Estimates

Land	-
Construction	$ 525
Planning and Design	34
Equipment	26
Debt Issue Cost	
Hardware/Software	21
Other	25
TOTAL	$ 631

5. Recommended Annual Appropriation

Prior Expenditures	$ 438
Budget Year (FY 2007)	193
FY2008	
FY2009	
FY2010	
FY2011	
FY2012	
FY 2007-2011	-
TOTAL Project Cost	$ 631

6. Recommended Financing

	YEAR	AMOUNT
Current Revenue		
Bonds (VPSA Loans)		631
Utility Fund		
State		
Federal		
Private		
Other (Proffered Land)		
TOTAL		$ 631

Department: School Board

AGWMS Addition/Renovation (2006-2007)

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Project will add (10) ten new classrooms including general classrooms and science rooms; add a new media center, convert existing library to expand dinning area, add emergency generator, upgrade security entrances at AGWMS and GES, renovate old media center area into classrooms and office space, upgrade hot water heater redundancy, upgrade ADA compliance, and upgrade parent drop off ability, add additional parking.

JUSTIFICATION

The delay in constructing and opening MS2006 & MS2008 has caused severe overcrowding at three (3) of our middle school in the north section of the county. Renovations/additions to core areas at AGWMS and SMS will provide relief to this overcrowding, bridge the gap of adequate teaching space caused by the delay and increase student. capacity at AGWMS & SMS.

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $494,500

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	X
Maintenance	X
Replacement	

4. Project Cost Estimates

Land	$ -
Construction	5,700
Planning and Design	485
Equipment	285
Debt Issue Cost	-
Hardware/Software	228
Other	271
TOTAL	$ 6,969

5. Recommended Annual Appropriation

Prior Expenditures	$ 1,360
Budget Year (FY 2007)	5,609
FY2008	
FY2009	
FY2010	
FY2011	
FY2012	
FY 2008-2012	-
TOTAL Project Cost	$ 6,969

6. Recommended Financing

Current Revenue	-
Bonds (VPSA Loans)	6,969
Utility Fund	-
State	-
Federal	-
Private	-
Other (Proffered Land)	-
TOTAL	$ 6,969

Department: School Board

SMS Addition/Ren0vation (2006-2007)

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Project includes adding five (5) general academic classrooms and science labs with supporting toilet facilities and supporting work rooms; two health rooms, auxiliary gym, new boiler and chillers, implement energy conservation measures (lights, controls, water conservation, etc…); convert old classroom space to expand media center, upgrade main entrance to enhance security, enclose cafeteria from hallway, enhance kitchen serving line and enhance cafeteria seating space.

JUSTIFICATION

The delay in constructing/opening MS2006 and MS2008 has caused severe overcrowding at three (3) of our middle school in the in the northern section of the county. Renovations and additions to core areas at AGWMS and SMS will provide relief to this overcrowding, bridge the gap of adequate teaching space caused by the delay and increase. the student capacity at AGWMS & SMS

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $390,100

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	X
Maintenance	X
Replacement	

4. Project Cost Estimates

Land	$ -
Construction	4,500
Planning and Design	383
Equipment	225
Debt Issue Cost	-
Hardware/Software	180
Other	210
TOTAL	$ 5,498

5. Recommended Annual Appropriation

Prior Expenditures	$ 1,550
Budget Year (FY 2007)	3,948
FY2008	
FY2009	
FY2010	
FY2011	
FY2012	
FY 2008-2012	-
TOTAL Project Cost	$ 5,498

6. Recommended Financing

Current Revenue	-
Bonds (VPSA Loans)	5,498
Utility Fund	-
State	-
Federal	-
Private	-
Other (Proffered Land)	-
TOTAL	$ 5,498

Department: School Board

Renovation - GVES (2007-2008)

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Renovation of GVES will include an upgrade to all life safety deficiencies, update to building codes to include sprinkler system, upgrade to HVAC and electrical systems, site improvements, architectural upgrades, (finishes, doors, hardware, windows, roof,), kitchen upgrades, media center expansion, ADA upgrades, plumbing upgrades, fire alarm system upgrades, data system upgrades, PA system upgrades, lighting upgrades, digital controls and upgrades to the main entrance
Renovation Cost use $110/sf x 61,173 sf ($6.1M) for 1967 and 1977 areas. Use $39/sf x 12,804 sf ($.5M) for 1996 area. Site cost ($.4M)

JUSTIFICATION

SCPS plans to keep GVES in the active school inventory for the foreseeable future. GVES is divided into three distinct areas based on original 1967 construction, 1977 addition and the 1996 addition. Condition of each area of the building varies and therefore the scope of upgrades also differ considerably. The overall facility has numerous life safety, fire protection and building code deficiencies, HVAC system is ineffective in some areas of the facility and has contributed to issues with air quality. Existing electrical wiring, lighting and controls are old and require upgrade. Finishes in different areas of the facility need to be replaced. Roof has reached its useful life.

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $618,710

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	
Maintenance	X
Replacement	

4. Project Cost Estimates

Land	$ -
Construction	7,000
Planning and Design	595
Equipment	350
Debt Issue Cost	-
Hardware/Software	280
Other	495
TOTAL	$ 8,720

5. Recommended Annual Appropriation

Prior Expenditures		$ 100
Budget Year (FY 2007)		2,710
FY2008	5,910	
FY2009	-	
FY2010	-	
FY2011	-	
FY2012	-	
FY 2008-2012		5,910
TOTAL Project Cost		$ 8,720

6. Recommended Financing

Current Revenue	-
Bonds (VPSA Loans)	8,720
Utility Fund	-
State	-
Federal	-
Private	-
Other (Proffered Land)	-
TOTAL	$ 8,720

Department: School Board

Renovation - FES (2007-2008)

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Renovation of FES will include an upgrade to all life safety deficiencies, update to building codes to include sprinkler system, upgrade to HVAC and electrical systems, site improvements, architectural upgrades, (finishes, doors, hardware, windows, roof,), kitchen upgrades, media center expansion, ADA upgrades, plumbing upgrades, fire alarm system upgrades, data system upgrades, PA system upgrades. Lighting upgrades, digital controls and security upgrades to the main entrance
Renovation Cost use $110/sf x 55390 sf ($6.1M) for the 1967/68 area.
Use $39/sf x 12,804 sf ($.5M) for 1997 area. Site cost ($.4M)

JUSTIFICATION

SCPS plans to keep FES in the active school inventory for the foreseeable future. FES is divided into two distinct areas based on original 1967/68 construction and the 1997 addition.
Condition of each area of the building varies and therefore the scope of upgrades also differ considerably. The overall facility has numerous life safety, fire protection and building code deficiencies, HVAC system is ineffective in some areas of the facility and has contributed to issues with air quality. Existing electrical wiring, lighting and controls are old and require upgrade. Finishes in different areas of the facility need to be replaced. Roof has reached its useful life.

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $618,710

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	
Maintenance	X
Replacement	

4. Project Cost Estimates

Land	$ -
Construction	7,000
Planning and Design	595
Equipment	350
Debt Issue Cost	-
Hardware/Software	280
Other	495
TOTAL	$ 8,720

5. Recommended Annual Appropriation

Prior Expenditures		$ 100
Budget Year (FY 2007)		2,710
FY2008	5,910	
FY2009	-	
FY2010	-	
FY2011	-	
FY2012	-	
FY 2008-2012		5,910
TOTAL Project Cost		$ 8,720

6. Recommended Financing

Current Revenue	-
Bonds (VPSA Loans)	8,720
Utility Fund	-
State	-
Federal	-
Private	-
Other (Proffered Land)	-
TOTAL	$ 8,720

Department: School Board

Culinary Arts Addition - BPHS

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Construct a 2,000 sf addition to BPHS to support the expansion of the Career Technology Education (CTE) Commercial Culinary Arts Program. Addition will include classroom space, teaching kitchen/food food prep, locker rooms, bathroom, serving area. Addition will be Addition will match architectural feature of BPHS and similar roof style. Construction cost for addition use $150/sf x 2200 ($.33M); Site work ($.2M); Specialized equipment ($.1M).

JUSTIFICATION

Stafford County continues to experience rapid growth which expands job market opportunities. The hospitality and tourism industry continues to provide sources of employment for our graduates.
Students enrolled in the Culinary Arts program have the opportunity to enter the job market above the entry level for new employees. Students can further their education by enrolling in Culinary Arts programs after high school and become skilled chefs in the workforce.
SCPS has established satellite commercial culinary arts programs at the high school level. MVHS has a full scope program, SHS has a scaled back program. Instructional staff plan to enhance the program by expanding the program at BPHS to a commercial culinary arts program

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $56,550

2. Project Priority

Essential	
Necessary	X
Continuing	

3. Project Type

New	X
Maintenance	
Replacement	

4. Project Cost Estimates

Land	$ -
Construction	630
Planning and Design	41
Equipment	32
Debt Issue Cost	
Hardware/Software	25
Other	69
TOTAL	$ 797

5. Recommended Annual Appropriation

Prior Expenditures		
Budget Year (FY 2007)		550
FY2008	247	
FY2009		
FY2010		
FY2011		
FY2012		
FY 2007-2011		247
TOTAL Project Cost		$ 797

6. Recommended Financing

Current Revenue	
Bonds (VPSA Loans)	797
Utility Fund	
State	
Federal	
Private	
Other (Proffered Land)	
TOTAL	$ 797

Department: School Board

Renovation - SES (2009-2010)

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Renovation of SES will include an upgrade to all life safety deficiencies, update to building codes to include sprinkler system, upgrade to HVAC and electrical systems, site improvements, architectural upgrades, (finishes, doors, hardware, windows, roof,), kitchen upgrades, media center expansion, ADA upgrades, plumbing upgrades, fire alarm system upgrades, data system upgrades, PA system upgrades, lighting upgrades, digital controls and security upgrades to the main entrance.
Renovation Cost use $110/sf x 58123 sf ($6.4M) for the 1968 area.
Use $39/sf x 12,823 sf ($.5M) for 1996 area. Site cost ($.4M)
Escalation use 8% per year ($1.1M)

JUSTIFICATION

SCPS plans to keep SES in the active school inventory for the foreseeable future. SES is divided into two distinct areas based on original 1968 construction and the 1996 addition.
Condition of each area of the building varies and therefore the scope of upgrades also differ considerably. The overall facility has numerous life safety, fire protection and building code deficiencies, HVAC system is ineffective in some areas of the facility and has contributed to issues with air quality. Existing electrical wiring, lighting and controls are old and require upgrade. Finishes in different areas of the facility need to be replaced. Roof has reached its useful life.

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $741,400

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	
Maintenance	X
Replacement	

4. Project Cost Estimates

Land	$ -
Construction	8,400
Planning and Design	714
Equipment	420
Debt Issue Cost	-
Hardware/Software	336
Other	579
TOTAL	$ 10,449

5. Recommended Annual Appropriation

Prior Expenditures		
Budget Year (FY 2007)		
FY2008	1,000	
FY2009	3,704	
FY2010	5,745	
FY2011	-	
FY2012	-	
FY 2008-2012		10,449
TOTAL Project Cost		$ 10,449

6. Recommended Financing

Current Revenue	-
Bonds (VPSA Loans)	10,449
Utility Fund	-
State	-
Federal	-
Private	-
Other (Proffered Land)	-
TOTAL	$ 10,449

Department: School Board

Renovation - MES (2009-2010)

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Renovation of MES will include an upgrade to all life safety deficiencies, update to building codes to include sprinkler system, upgrade to HVAC and electrical systems, site improvements, architectural upgrades, (finishes, doors, hardware, windows, roof,), kitchen upgrades, media center expansion, ADA upgrades, plumbing upgrades, fire alarm system upgrades, data system upgrades, PA system upgrades, lighting upgrades, digital controls and security upgrades to the main entrance
Renovation Cost use $110/sf x 62872 sf ($6.8M) for the 1966 & 1973 areas. Use $39/sf x 13,200 sf ($.5M) for 1997 area. Site cost ($.4M)
Escalation use 8% per year ($1.2M)

JUSTIFICATION

SCPS plans to keep MES in the active school inventory for the foreseeable future. MES is divided into three distinct areas based on original 1966 construction and the 1973 and 1987 additions. Condition of each area of the building varies and therefore the scope of upgrades also differ considerably. The overall facility has numerous life safety, fire protection and building code deficiencies, HVAC system is ineffective in some areas of the facility and has contributed to issues with air quality. Existing electrical wiring, lighting and controls are old and require upgrade. Finishes in different areas of the facility need to be replaced. Roof has reached its useful life.

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $785,250

***PPEA effort to relocated MES is being considered*

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	
Maintenance	X
Replacement	

4. Project Cost Estimates

Land	$ -
Construction	8,900
Planning and Design	757
Equipment	445
Debt Issue Cost	-
Hardware/Software	356
Other	609
TOTAL	$ 11,067

5. Recommended Annual Appropriation

Prior Expenditures		
Budget Year (FY 2007)		
FY2008	550	
FY2009	3,900	
FY2010	6,617	
FY2011	-	
FY2012	-	
FY 2008-2012		11,067
TOTAL Project Cost		$ 11,067

6. Recommended Financing

Current Revenue	-
Bonds (VPSA Loans)	11,067
Utility Fund	-
State	-
Federal	-
Private	-
Other (Proffered Land)	-
TOTAL	$ 11,067

Department: School Board

Renovation - HES (2011-2012)

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Renovation of HES will include an upgrade to all life safety deficiencies, update to building codes to include sprinkler system, upgrade to HVAC and electrical systems, site improvements, architectural upgrades, (finishes, doors, hardware, windows, roof,), kitchen upgrades, media center expansion, ADA upgrades, plumbing upgrades, fire alarm system upgrades, data system upgrades, PA system upgrades and lighting upgrades

Renovation Cost use $110/sf x 43008sf ($4.7M) for the 1963/1966/1989 areas. Use $39/sf x 18000sf ($.7M) for 1996 area. Site cost ($.4M)

Escalation use 8% per year ($1.8M)

Water supply, distribution and wastewater treatment system will be upgraded as part of several smaller repair/maintenance project in FY06 & FY07.

JUSTIFICATION

SCPS plans to keep HES in the active school inventory for the foreseeable future. HES is divided into four distinct areas based on original 1963 construction, 1966, 1989 and 1996 additions. Condition of each area of the building varies and therefore the scope of upgrades also differ considerably. The overall facility has numerous life safety, fire protection and building code deficiencies, HVAC system is ineffective in some areas of the facility and has contributed to issues with air quality. Existing electrical wiring, lighting and controls are old and require upgrade. Finishes in different areas of the facility need to be replaced. Roof has reached its useful life.

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $671,300

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	
Maintenance	X
Replacement	

4. Project Cost Estimates

Land	$ -
Construction	7,600
Planning and Design	646
Equipment	380
Debt Issue Cost	-
Hardware/Software	304
Other	531
TOTAL	$ 9,461

5. Recommended Annual Appropriation

Prior Expenditures		
Budget Year (FY 2007)		
FY2008		
FY2009		
FY2010	600	
FY2011	4,500	
FY2012	4,361	
FY 2008-2012		9,461
TOTAL Project Cost		$ 9,461

6. Recommended Financing

Current Revenue	-
Bonds (VPSA Loans)	9,461
Utility Fund	-
State	-
Federal	-
Private	-
Other (Proffered Land)	-
TOTAL	$ 9,461

Department: School Board

Renovation - FFES (2011-2012)

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Renovation of FFES will include an upgrade to all life safety deficiencies, update to building codes to include sprinkler system, upgrade to HVAC and electrical systems, site improvements, architectural upgrades, (finishes, doors, hardware, windows, roof,), kitchen upgrades, media center expansion, ADA upgrades, plumbing upgrades, fire alarm system upgrades, data system upgrades, PA system upgrades and lighting upgrades
Renovation Cost use $110/sf x 54000sf ($5.9M) for the 1957/1963/1989 area. Use $39/sf x 16500sf ($.64M) for 1992 area. Site cost ($.4M)
Escalation use 8% per year ($2.2M)

JUSTIFICATION

SCPS plans to keep FFES in the active school inventory for the foreseeable future. FFES is divided into four distinct areas based on original 1957 construction and the 1963, 1989 and 1992 additions. Condition of each area of the building varies and therefore the scope of upgrades also differ considerably. The overall facility has numerous life safety, fire protection and building code deficiencies, HVAC system is ineffective in some areas of the facility and has contributed to issues with air quality. Existing electrical wiring, lighting and controls are old and require upgrade. Finishes in different areas of the facility need to be replaced. Roof has reached its useful life.

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $806,240

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	
Maintenance	X
Replacement	

4. Project Cost Estimates

Land	$ -
Construction	9,140
Planning and Design	777
Equipment	457
Debt Issue Cost	-
Hardware/Software	366
Other	623
TOTAL	$ 11,363

5. Recommended Annual Appropriation

Prior Expenditures		
Budget Year (FY 2007)		
FY2008		
FY2009		
FY2010	800	
FY2011	5,100	
FY2012	5,463	
FY 2008-2012		11,363
TOTAL Project Cost		$ 11,363

6. Recommended Financing

Current Revenue	-
Bonds (VPSA Loans)	11,363
Utility Fund	-
State	-
Federal	-
Private	-
Other (Proffered Land)	-
TOTAL	$ 11,363

Department: School Board

Renovation - DMS (2012-2013)

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Renovation of DMS will include an upgrade to all life safety deficiencies, update to building codes to include sprinkler system, upgrade to HVAC and electrical systems, site improvements, architectural upgrades, (finishes, doors, hardware, windows, roof,), kitchen upgrades, media center expansion, ADA upgrades, plumbing upgrades, fire alarm system upgrades, data system upgrades, PA system upgrades and lighting upgrades
Renovation Cost use $110/sf x 86372sf ($9.5M) for the 1951/1957/1990 area. Use $39/sf x 12541sf ($.5M) for 1998 area. Site cost ($.4M)
Escalation use 8% per year ($4.1M)

JUSTIFICATION

SCPS plans to keep DMS in the active school inventory for the foreseeable future. DMS is divided into foure distinct areas based on original 1951 construction, 1957, 1990 and 1998 additions. Condition of each area of the building varies and therefore the scope of upgrades also differ considerably. The overall facility has numerous life safety, fire protection and building code deficiencies, HVAC system is old and archaic in some areas of the facility and have contributed to issues with air quality. Existing electrical wiring, lighting and controls are old and require upgrade. Finishes in different areas of the facility need to be replaced. Roof has reached its useful life.

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $1,275,950

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	
Maintenance	X
Replacement	

4. Project Cost Estimates

Land	$ -
Construction	14,500
Planning and Design	1,233
Equipment	725
Debt Issue Cost	-
Hardware/Software	580
Other	945
TOTAL	$ 17,983

5. Recommended Annual Appropriation

Prior Expenditures		
Budget Year (FY 2007)		
FY2008		
FY2009		
FY2010		
FY2011	1,000	
FY2012	6,500	
FY 2008-2012		7,500
TOTAL Project Cost		$ 7,500

6. Recommended Financing

Current Revenue	-
Bonds (VPSA Loans)	17,983
Utility Fund	-
State	-
Federal	-
Private	-
Other (Proffered Land)	-
TOTAL	$ 17,983

Support Facilities – New/Renovation

PROJECT SUMMARY FORM (IN 000S)	*DEPARTMENT NAME School Board*	*Total Funding:*	*$4,477*
		Total Projects:	*3*

CAPITAL PROJECT DETAIL	TOTAL PROJECT COST	PRIOR EXPEND	BUDGET YEAR FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FUNDING SOURCES
Support Facilities - New/ Renovations									
Warehouse/Admin Addition - Support Service Complex	$1,517	$1,186	$331						VPSA
Admin Addition - Pupil Transportation	$1,484	$70	$1,414						VPSA
Satellite Pupil Transportation & Fleet Services Facility	$2,732		$738	$1,994					VPSA
Total		$1,256	$2,483	$1,994					

Department: School Board

Warehouse/Admin Addition - Central Support

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Project constructs a new 15,000 SF warehouse/administrative addition to the SCPS Support Services Complex. Addition will include a pre-engineered steel building addition to match existing facility. Approximately 13,000 SF will be warehouse and 2000 SF will be administrative space.

JUSTIFICATION

15,000 SF addition is required to provide critical storage/admin space in support of Stafford County Maintenance Dept, School Nutrition, Technology and textbook storage. Addition will also house roughly 1,500 square feet of Stafford County Parks & Rec and General Services Storage space.

Existing 26,000 SF warehouse/admin facility is the only warehouse complex in SCPS inventory. Current space is completely utilized; new space will enable each user department to expand and provide the required and essential services required as SCPS physical plant increases size over the current 3.3M SF and 1,000 acres.

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $107,650

2. Project Priority

Essential	
Necessary	X
Continuing	

3. Project Type

New	X
Maintenance	
Replacement	

4. Project Cost Estimates

Land	
Construction	$ 1,228
Planning and Design	92
Equipment	61
Debt Issue Cost	
Hardware/Software	49
Other	87
TOTAL	$ 1,517

5. Recommended Annual Appropriation

Prior Expenditures	1,186
Budget Year (FY 2007)	331
FY2008	
FY2009	
FY2010	
FY2011	
FY2012	
FY 2008-2012	-
TOTAL Project Cost	$ 1,517

6. Recommended Financing

	YEAR	AMOUNT
Current Revenue		
Bonds (VPSA Loans)		1,517
Utility Fund		
State		
Federal		
Private		
Other (Proffered Land)		
TOTAL		$ 1,517

Department: School Board

Pupil Transportation Facility

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Provide additional administrative and personnel space for the Pupil Transportation Department. Project will include a 5500 SF stand alone facility and provide space for bus dispatch operations, all routing activities (mainstream and special needs) conference/training room, bathroom, mechanical room, all electrical and mechanical systems. Addition will be constructed of CMU block and brick veneer facing, with light gage steel stud and standing seam metal roof. Project will include all site and utility installation.

Project design will start in FY06 with construction to start in FY07

JUSTIFICATION

Facility is required to replace a temporary 2800 SF modular facility that currently houses 18 personnel. Existing facility is over 15 years old, is energy inefficient, is only designed for 18 personnel, has constant roof leaks and is beyond its expected life. Pupil Transportation staff size is projected to increase over the next 5 years.

Private office space for supervisors, counseling and confidential proceedings is severely lacking. SCPS will also be establishing a 24/7 emergency operations center (EOC) to monitor all schools fire, safety and and security intrusion alarms.

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $105,300

2. Project Priority

Essential	
Necessary	X
Continuing	

3. Project Type

New	X
Maintenance	
Replacement	

4. Project Cost Estimates

Land	
Construction	$ 1,200
Planning and Design	90
Equipment	60
Debt Issue Cost	
Hardware/Software	48
Other	86
TOTAL	$ 1,484

5. Recommended Annual Appropriation

Prior Expenditures		$ 70
Budget Year (FY 2007)		1,414
FY2008		
FY2009		
FY2010		
FY2011		
FY2012		
FY 2007-2011		-
TOTAL Project Cost		$ 1,484

6. Recommended Financing

	YEAR	AMOUNT
Current Revenue		-
Bonds (VPSA Loans)		$ 1,484
Utility Fund		-
State		
Federal		-
Private		-
Other (Proffered Land)		-
TOTAL		$ 1,484

Department: School Board

Satellite Pupil Transportation & Fleet Services Facility

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Project provides for a new satellite Pupil Transportation and Fleet Service Facility include a 2500 sf admin area, 5000 sf service area with three vehicle service bay, vehicles lifts, storage and 15,000 sf vehicle storage area. Facility will also have vehicle fueling capability.
Admin Space = 2500 sf; Service Space 5,000 sf with 15,000 sf parking area

Project design would start in FY07 with construction starting in FY08.

JUSTIFICATION

Project is required to provide additional parking and administrative space to support pupil transportation. Pupil Transportation long-range transportation master plan has the county divided into two main routing zones, north and south. Having one facility in the north and one in the south will reduce travel and maintenance costs on vehicles and place staff in the zones that they service.
Land cost estimated at $65K per acres x 10 acres ($.65M)

ESTIMATED OPERATING IMPACT

None

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $193,850

2. Project Priority

Essential	
Necessary	X
Continuing	

3. Project Type

New	X
Maintenance	
Replacement	

4. Project Cost Estimates

Land	$ 650
Construction	$ 1,700
Planning and Design	128
Equipment	85
Debt Issue Cost	-
Hardware/Software	68
Other	101
TOTAL	$ 2,732

5. Recommended Annual Appropriation

Prior Expenditures		
Budget Year (FY 2007)		738
FY2008	1,994	
FY2009		
FY2010		
FY2011		
FY2012		
FY 2008-2012		1,994
TOTAL Project Cost		$ 2,732

6. Recommended Financing

	YEAR	AMOUNT
Current Revenue		
Bonds (VPSA Loans)		2,732
Utility Fund		
State		
Federal		
Private		
Other (Proffered Land)		
TOTAL		$ 2,732

Infrastructure

PROJECT SUMMARY FORM (IN 000S)	*DEPARTMENT NAME School Board*	*Total Funding:*	*$19,695*
		Total Projects:	*N/A*

CAPITAL PROJECT DETAIL	TOTAL PROJECT COST	PRIOR EXPEND	BUDGET YEAR FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FUNDING SOURCES
Infrastructure									
School Site Improvements			$2,935	$1,240	$1,365	$550	$575	$600	Current Revenue/ VPSA
Environmental Equipment Upgrades			$2,135	$500	$520	$550	$575	$600	VPSA
Roof Repair/ Replacement			$2,650	$850	$900	$1,000	$1,050	$1,100	VPSA
Total			$7,720	$2,590	$2,785	$2,100	$2,200	$2,300	

Department: School Board

School Site Improvements

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

See attached Sheets for descriptions.

Project designs are done the same year the project's construction is to be started unless it is specifically noted.

JUSTIFICATION

To correct deficiencies in safety, security, maintenance and repair at various facilities and grounds that make up the 3.3M SF, 1,000 acre Physical Plant maintained and operated by SCPS.

ESTIMATED OPERATING IMPACT

AVERAGE ANNUAL DEBT PAYMENT

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	X
Maintenance	X
Replacement	X

4. Project Cost Estimates

Land	
Construction	
Planning and Design	
Equipment	
Debt Issue Cost	
Hardware/Software	
Other	
TOTAL	

5. Recommended Annual Appropriation

Prior Expenditures		
Budget Year (FY 2007)		2,935
FY2008	1,240	
FY2009	1,365	
FY2010	550	
FY2011	575	
FY2012	600	
FY 2008-2012		4,330
TOTAL Project Cost		$ 7,265

6. Recommended Financing

	YEAR	AMOUNT
Current Revenue		
Bonds (VPSA Loans)		
Utility Fund		
State		
Federal		
Private		
Other (Proffered Land)		
TOTAL		$ 7,265

Project Request Form

Department: School Board	School Site Improvements FY 2007 - 2012
1. Project Description and Justification	2. Project Priority

FY 2007

Athletic Field Upgrade *NSHS*	*$*	*350*
Renovate Main Entrance (Security) *HHPMS, TMS, GMS, MBES, KWBES, RRES*	*$*	*1,100*
Emergency Generator Rpl/Upgrade *NSHS & SHS*	*$*	*500*
Construct/Resurface Parking *(Various Locations)*	*$*	*450*
Construct Asphalt Path *MVHS*	*$*	*100*
Electronic Marquee *NSHS & CFHS* *RRES, SES, FFES, HES Manual*	*$*	*135*
Athletic Field Upgrades *CFHS*	*$*	*300*
FY 2007 Totals	*$*	*2,935*

FY 2008

Construct/Resurface Parking *(Various Locations)*	*$*	*500*
Renovate Main Entrance (Security) *(HOES, WCES, WES, RES, BPHS)*	*$*	*600*
Electronic and Manual Messaging Marquee *DMS & GVES Electronic*	*$*	*140*
FY 2008 Totals	*$*	*1,240*

FY 2009

Construct/Resurface Parking *(Various Locations)*	*$*	*525*
Renovate Main Entrance (Security) *(NSHS, SHS, CFHS, MVHS)*	*$*	*650*
Upgrade Exterior Parking Lots Lighting - *DMS, HES, HOES*	*$*	*190*
FY 2009 Totals	*$*	*1,365*

Project Request Form

Department: School Board	School Site Improvements FY 2007 - 2012
1. Project Description and Justification	2. Project Priority

FY 2010

Construct/Resurface Parking
(Various Locations) *$ 550*

FY 2010 Totals *$ 550*

FY 2011

Construct/Resurface Parking
(Various Locations) *$ 575*

FY 2011 Totals *$ 575*

FY 2012

Construct/Resurface Parking
(Various Locations) *$ 600*

FY 2012 Totals *$ 600*

Department: School Board

Environmental Equipment Upgrades

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Environmental (Heating, ventilation, air conditioning) equipment requiring repair, upgrade, and/or replacement to meet federal, state and local regulations are outlined in the attached sheet

Project designs will be initiated during the year the construction is required to start unless noted for the specific project.

JUSTIFICATION

Stafford County Public Schools are required by federal state and local regulations and building codes to provide and maintain environmental equipment that results in a safe and healthy learning and working environment in all of our facilities. SCPS maintains and operates in excess of 3.3M SF of conditioned facility space.

ESTIMATED OPERATING IMPACT

AVERAGE ANNUAL DEBT PAYMENT

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

New	
Maintenance	X
Replacement	X

4. Project Cost Estimates

Land	
Construction	
Planning and Design	
Equipment	
Debt Issue Cost	
Hardware/Software	
Other	
TOTAL	

5. Recommended Annual Appropriation

Prior Expenditures		
Budget Year (FY 2007)		2,135
FY2008	500	
FY2009	520	
FY2010	550	
FY2011	575	
FY2012	600	
FY 2008-2012		2,745
TOTAL Project Cost		$ 4,880

6. Recommended Financing

	YEAR	AMOUNT
Current Revenue		
Bonds (VPSA Loans)		4,880
Utility Fund		
State		
Federal		
Private		
Other (Proffered Land)		
TOTAL		$ 4,880

Project Request Form

Department: School Board	Environmental Equipment Upgrade FY07-12
1. Project Description and Justification	2. Project Priority

FY 2007

Replace HVAC System	
*Gym - Melchers Complex**	*$ 300*
Boiler Upgrade	
Alvin Y. Bandy Complex	*$ 100*
Replace HVAC System (Uni-Vent)	
PRES, HES, FFES & RES	*$ 1,800*
Energy Performance	*$ 500*
Replace Chillers	
Hampton Oaks Elementary School	*$ 285*
FY 2007 Totals	*$ 2,985*

FY 2008

Energy Performance	*$ 500*
FY 2008 Totals	*$ 500*

FY 2009

Energy Performance	*$ 500*
FY 2009 Totals	*$ 520*

FY 2010

Replace Chillers and Boilers	*$ 550*
FY 2010 Totals	*$ 550*

[1] *The Gari Melchers Complex is a facility shared with the County of Stafford. The $175 amount represents the total project cost.*

Project Request Form

Department: School Board	Environmental Equipment Upgrade FY07-12
1. Project Description and Justification	2. Project Priority

FY 2011

Replace Chillers and Boilers	*$ 575*
FY 2011 Totals	*$ 575*

FY 2012

Replace Chillers and Boilers	*$ 600*
FY 2012 Totals	*$ 600*

Department: School Board

Roof Repair/Replacement FY07-12

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

See attached sheet for descriptions

JUSTIFICATION

To correct deficiencies and to maintain adequate facilities at existing schools. Several roofs are at, or near, the life expectancy for their original design.

ESTIMATED OPERATING IMPACT

AVERAGE ANNUAL DEBT PAYMENT

2. Project Priority

Essential	X
Necessary	X
Continuing	X

3. Project Type

New	X
Maintenance	X
Replacement	X

4. Project Cost Estimates

Land	
Construction	
Planning and Design	
Equipment	
Debt Issue Cost	
Hardware/Software	
Other	
TOTAL	

5. Recommended Annual Appropriation

Prior Expenditures		
Budget Year (FY 2007)		2,650
FY2008	850	
FY2009	900	
FY2010	1,000	
FY2011	1,050	
FY2012	1,100	
FY 2008-2012		4,900
TOTAL Project Cost		$ 7,550

6. Recommended Financing

	YEAR	AMOUNT
Current Revenue		
Bonds (VPSA Loans)		$ 7,550
Utility Fund		
State		
Federal		
Private		
Other (Proffered Land)		
TOTAL		$ 7,550

Project Request Form

Department: School Board	Roof Repair/Replacement FY07-12
1. Project Description and Justification	2. Project Priority

FY 2007

North Stafford High School	*$ 1,500*
Brooke Point High School	*$ 500*
Hartwood Elementary *Classes 1-27 and kitchen, café, and office*	*$ 650*
FY 2007 Totals	*$ 2,650*

FY 2008

Widewater Elementary School *Section 1*	*$ 850*
FY 2008 Totals	*$ 850*

FY 2009

Rockhill Elementary School *Section 1*	*$ 900*
FY 2009 Totals	*$ 900*

FY 2010

Roof Replacement	*1,000*
FY 2010 Totals	*$ 1,000*

FY 2011

Roof Replacement	*1,050*
FY 2011 Totals	*$ 1,050*

FY 2012

Roof Replacement	*1,100*
FY 2012 Totals	*$ 1,100*

BUSES

PROJECT SUMMARY FORM (IN 000S)	*DEPARTMENT NAME School Board*	*Total Funding:*	*$13,349*
		Total Projects:	*N/A*

CAPITAL PROJECT DETAIL	TOTAL PROJECT COST	PRIOR EXPEND	BUDGET YEAR FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FUNDING SOURCES
Buses									
Buses			$1,851	$1,877	$1,340	$2,211	$2,945	$3,125	VPSA
Total			$1,851	$1,877	$1,340	$2,211	$2,945	$3,125	

Department: School Board

School Bus Replacement

1. Project Description, Justification, Operating Impact, & Annual Debt Payment

DESCRIPTION

Purchase Breakdown:

2007	Mainstream	19	$63.20	$1,200.80
	Special	9	$72.20	$649.80
	Total			$1,850.60
2008	Mainstream	18	$66.40	$1,195.20
	Special	9	$75.80	$682.20
	Total			$1,877.40
2009	Mainstream	9	$69.50	$625.50
	Special	9	$79.40	$714.60
	Total			$1,340.10
2010	Mainstream	19	$72.70	$1,381.30
	Special	10	$83.00	$830.00
	Total			$2,211.30
2011	Mainstream	24	$75.80	$1,819.20
	Special	13	$86.60	$1,125.80
	Total			$2,945.00
2012	Mainstream	27	$79.00	$2,133.00
	Special	11	$90.20	$992.20
	Total			$3,125.20

JUSTIFICATION

A. Maintain and operate a safe and modern transportation fleet.

B. Additional buses will be needed to accommodate school population

C. Continue to purchase 78 passenger buses in lieu of 64 passenger buses when this will enhance service in densely populated areas.

D. A schedule for the replacement of buses on a continuing basis shall be developed and implemented by each school division.

E. For purpose of costing the Standards of Quality, the Board of Education assumes a 12 year school bus replacement cycle.

ESTIMATED OPERATING IMPACT

Operating costs for new mainstream buses runs $ each, per year.

Operating costs for new special needs buses runs $ each, per year.

AVERAGE ANNUAL DEBT PAYMENT

Estimated Average Annual Debt Payment on Total Project Cost: $

2. Project Priority

Essential	X
Necessary	
Continuing	

3. Project Type

#	New	X
8		
4	Maintenance	
#	Replacement	X
5		

4. Project Cost Estimates

Land	
Construction	
Planning and Design	
Equipment	13,349
Debt Issue Cost	
Hardware/Software	
Other	
TOTAL	$ 13,349

5. Recommended Annual Appropriation

Prior Expenditures		
Budget Year (FY 2007)		1,851
FY2008	1,877	
FY2009	1,340	
FY2010	2,211	
FY2011	2,945	
FY2012	3,125	
FY 2008-2012		11,498
TOTAL Project Cost		$ 13,349

6. Recommended Financing

	YEAR	AMOUNT
Current Revenue		
Bonds (VPSA Loans)		13,349
Utility Fund		
State		
Federal		
Private		
Other (Proffered Land)		
TOTAL		$ 13,349

Stafford County Public Schools
Projected Enrollments and Capacities

SCHOOLS	CAPACITY	CURRENT MEMBERSHIP 9/14/2005	PROJECTED ENROLLMENTS 2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Brooke Point	*1,800*	*1,670*	**1,664**	*1,802*	**1,798**	**1,952**	**2,024**	**2,098**
North Stafford	*1,925*	*1,846*	**1,879**	**2,012**	**2,057**	**2,053**	**2,129**	**2,207**
Stafford	*1,800*	**1,883**	**1,815**	**1,909**	**1,986**	**2,026**	**2,101**	**2,178**
Colonial Forge	*1,800*	*1,743*	**1,921**	**2,143**	**2,228**	**2,418**	**2,507**	**2,599**
Mountain View	*1,800*	*1,342*	**1,894**	**1,960**	**1,899**	**1,917**	**1,988**	**2,061**
High School 09	*1,800*	*0*	*0*	*0*	*TBD*	*TBD*	*TBD*	*TBD*
TOTAL SECONDARY ENROLLMENTS:		**8,484**	**9,173**	**9,173**	**9,826**	**9,968**	**10,366**	**10,748**
TOTAL SECONDARY CAPACITY:		**9,125**	**9,125**	**9,125**	**9,125**	**10,925**	**10,925**	**10,925**
Drew Middle	*800*	**961**	**1,011**	**1,034**	**1,034**	**1,141**	**1,191**	**1,265**
Gayle Middle	*1,100*	**1,217**	**1,288**	**1,415**	**1,486**	**1,535**	**1,603**	**1,673**
Poole Middle	*1,100*	**1,194**	**1,183**	**1,127**	**1,123**	**1,151**	**1,202**	**1,255**
Stafford Middle	*1100 (1200 i*	**1,103**	**1,163**	**1,262**	**1,326**	**1,360**	**1,420**	**1,483**
Wright Middle	*820 (1050 in*	*810*	*793*	*758*	*754*	*730*	*762*	**796**
Thompson Middle	*1,100*	**1,253**	**1,348**	**1,435**	**1,506**	**1,582**	**1,652**	**1,725**
Middle 06	*1,100*	*0*	*TBD*	*TBD*	*TBD*	*TBD*	*TBD*	*TBD*
Middle 08	*1,100*	*0*	*0*	*TBD*	*TBD*	*TBD*	*TBD*	*TBD*
TOTAL MIDDLE ENROLLMENTS:		**6,538**	**6,786**	**7,031**	**7,229**	**7,499**	**7,830**	**8,196**
TOTAL MIDDLE CAPACITY:		**6,020**	**7,120**	**7,450**	**8,550**	**8,550**	**8,550**	**8,550**
Conway	*950*	*702*	*749*	*764*	*777*	*771*	*797*	*825*
Falmouth	*690*	*438*	**655**	**717**	**752**	**796**	**823**	**851**
Ferry Farm	*640*	*633*	*562*	*555*	*558*	**562**	**581**	**601**
Garrisonville	*712*	*665*	*664*	*647*	*637*	**648**	**670**	**693**
Grafton Village	*814*	*616*	**690**	**725**	**736**	**741**	**766**	**792**
Hampton Oaks	*908*	*885*	*880*	*883*	*871*	**867**	**897**	**927**
Hartwood	*636*	*586*	*501*	**573**	**658**	**717**	**741**	**767**
Moncure	*772*	*632*	**699**	**786**	**859**	**932**	**964**	**997**
Park Ridge	*794*	*619*	*614*	*600*	*590*	*547*	*566*	*585*
Rockhill	*794*	*639*	**637**	**644**	**649**	**668**	**691**	**714**
Stafford Elem.	*752*	**874**	**993**	**1,035**	**1,073**	**1,075**	**1,112**	**1,150**
Widewater	*810*	*732*	**756**	**799**	**822**	**846**	**875**	**905**
Winding Creek	*838*	*830*	**880**	**949**	**1,094**	**1,229**	**1,271**	**1,314**
Rocky Run	*860*	**901**	**937**	**963**	**1,005**	**1,051**	**1,087**	**1,124**
Kate Waller Barrett	*828*	*745*	*753*	**771**	**760**	**761**	**787**	**814**
Margaret Brent	*950*	*670*	**743**	**816**	**884**	**938**	**970**	**1,003**
Elem 06	*-*	*0*	*TBD*	*TBD*	*TBD*	*TBD*	*TBD*	*TBD*
Elem 08	*-*	*0*	*0*	*0*	*TBD*	*TBD*	*TBD*	*TBD*
TOTAL ELEMENTARY ENROLLMENTS:		**11,167**	**11,713**	**12,227**	**12,725**	**13,149**	**13,598**	**14,062**
TOTAL ELEMENTARY CAPACITY:		**12,748**	**13,698**	**13,698**	**14,648**	**14,648**	**14,648**	**14,648**
TOTAL ALL SCHOOLS ENROLLMENTS:		**26,189**	**27,672**	**28,431**	**29,780**	**30,616**	**31,793**	**33,005**
TOTAL ALL SCHOOLS CAPACITIES:		**27,893**	**29,943**	**30,273**	**32,323**	**34,123**	**34,123**	**34,123**

Note: Projections reflect recently approved attendance zone changes. Bold numbers indicate school's enrollment exceeding capacity.