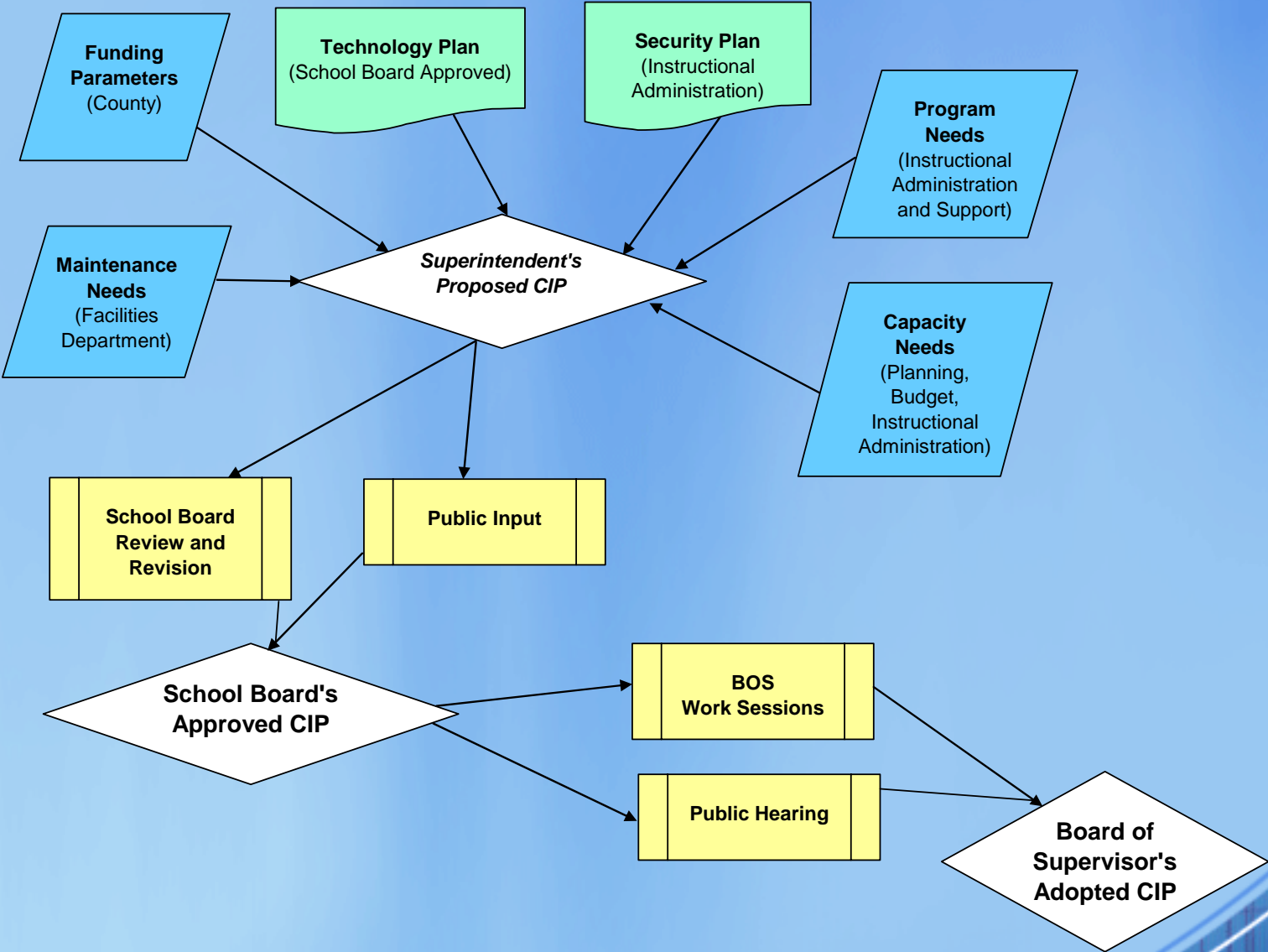


Chesterfield County Public Schools

**Proposed FY11-FY15
Capital Improvement Plan**

CIP Development Process



Guiding Principles

- Emphasis on our older schools
 - Continue usefulness on a cost effective basis
 - Meet current program standards
- Avoid the need for construction of new facilities
 - Allocate resources to additions and renovations at existing schools
 - Use existing facilities in the most efficient ways possible

2011-2015 Capital Improvement Plan Financial Summary

<u>Sources:</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>Total</u>
CIP Reserve Transfer	9,609,300	8,779,900	11,345,000	11,742,000	12,212,000	53,688,200
Debt Financing	33,074,700	18,105,200	20,816,000	22,065,600	26,938,500	121,000,000
Cash Proffers	1,351,100	1,417,300	1,431,500	1,445,800	1,460,300	7,106,000
State Technology Funds	<u>1,851,500</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,851,500</u>
	45,886,600	28,302,400	33,592,500	35,253,400	40,610,800	183,645,700

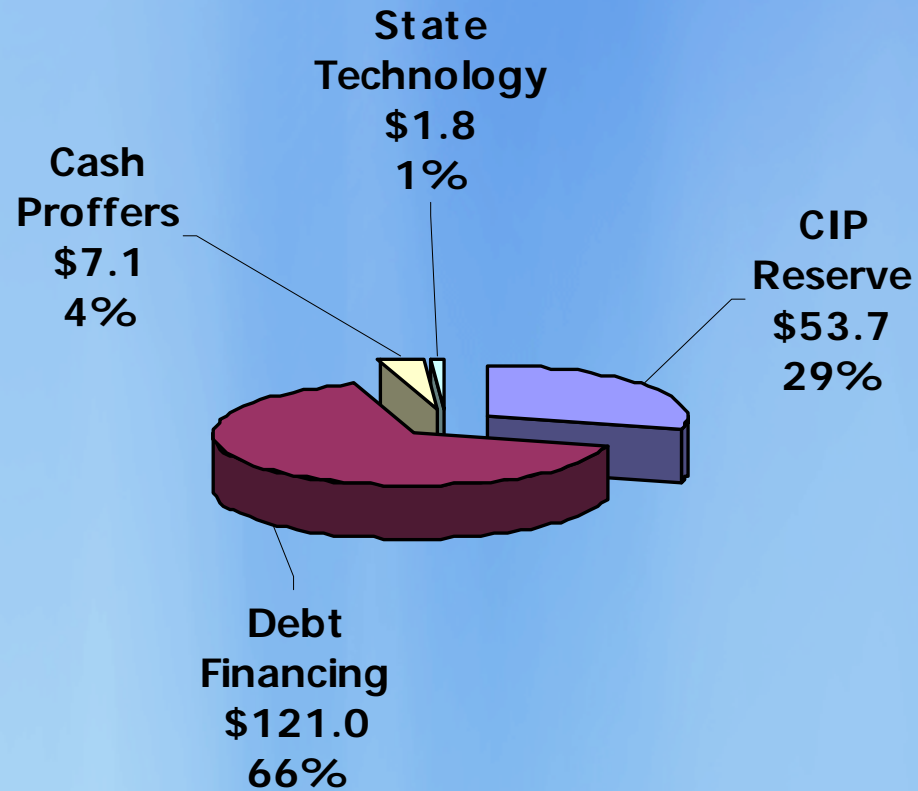
Uses:

Major Maintenance	3,000,000	3,500,000	3,500,000	4,000,000	4,000,000	18,000,000
Critical Needs (HVAC)	6,700,000	10,000,000	6,000,000			22,700,000
Energy Improvements	500,000	250,000	250,000	250,000	250,000	1,500,000
Security Enhancements	250,000	250,000	250,000	250,000	250,000	1,250,000
Technology Plan	4,255,700	4,102,800	1,911,000	2,057,600		12,327,100
Replacement Technology	3,000,000	3,000,000	3,000,000	3,250,000	3,250,000	15,500,000
Technology Projects	1,851,500	0	0	0	0	1,851,500
Future Acquisitions	<u>829,400</u>	<u>949,600</u>	<u>1,431,500</u>	<u>1,445,800</u>	<u>1,460,300</u>	<u>6,116,600</u>
Subtotal	20,386,600	22,052,400	16,342,500	11,253,400	9,210,300	79,245,200
Watkins Elementary	4,500,000					4,500,000
Midlothian High	12,000,000					12,000,000
Monacan High		1,000,000		11,000,000		12,000,000
Harrowgate Elementary		500,000	4,500,000			5,000,000
Enon Elementary		500,000	4,500,000			5,000,000
Matoaca Elementary		500,000	7,000,000			7,500,000
Elementary Additions/Renovations		3,000,000		13,000,000	12,000,000	28,000,000
21st Century Academy	9,000,000					9,000,000
Administrative Space		750,000	1,250,000			2,000,000
Reserve for Future School Projects					19,400,500	19,400,500
	45,886,600	28,302,400	33,592,500	35,253,400	40,610,800	183,645,700

FY11-FY15 Revenues

- Current recessionary period affects the capital budget as well as the operating budget
- Debt capacity has declined by more than \$43 million over the 5-year period
- CIP Reserve has been lowered by more than \$7 million
- Projections of cash proffers have been reduced by nearly \$600,000
- State technology funding is assumed at \$1.9 million
- Total CIP funding over the period is \$48.9 million lower than at this time last year

Capital Funds Revenue FY2011 through 2015 \$183.6 million

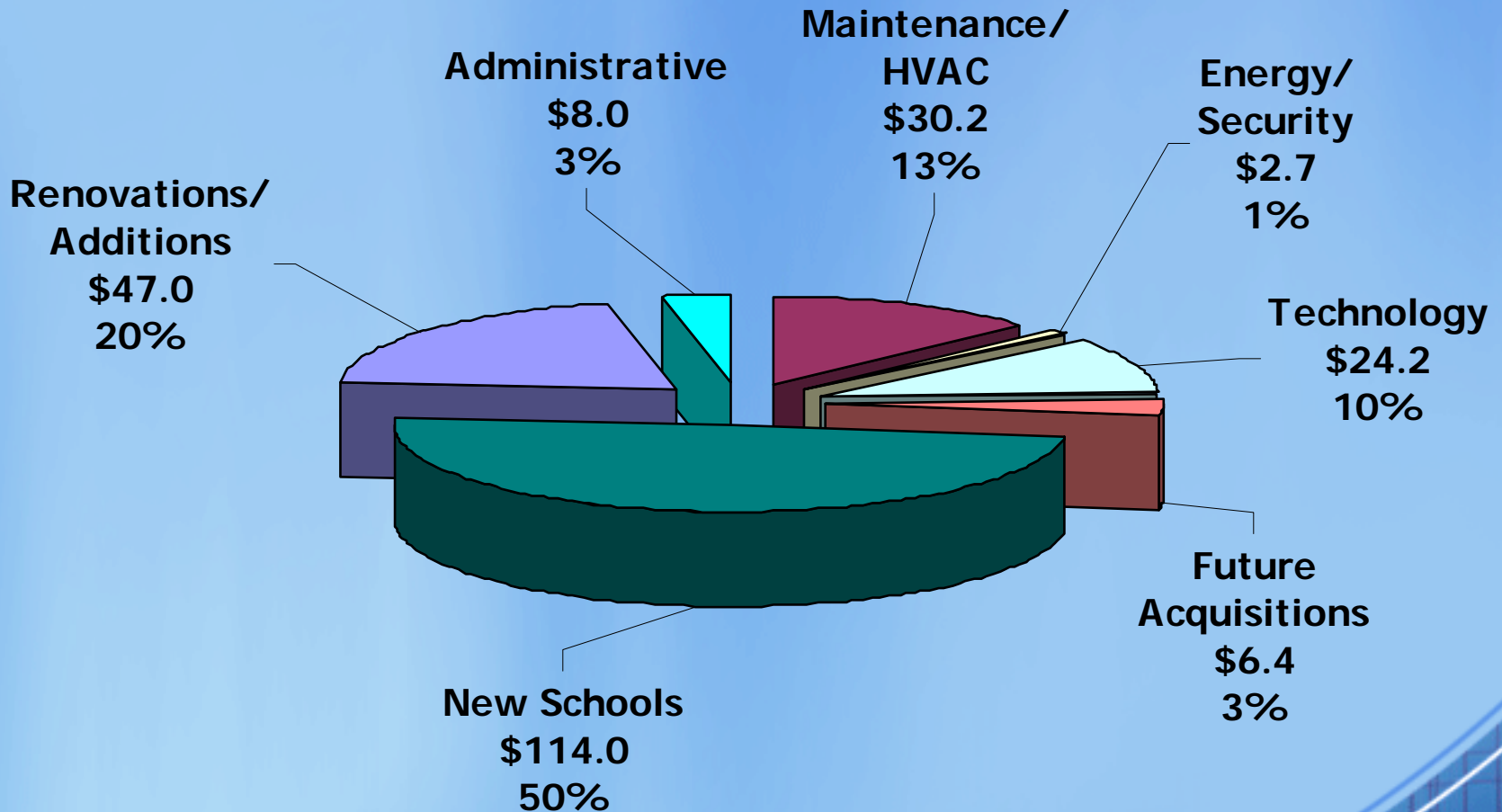


Proposed Expenditures

- Significant changes are proposed from the adopted FY10-FY15 CIP
- New elementary school and new high school delayed beyond FY15
- Funding previously allocated to the new elementary school is now proposed for additions and renovations at existing elementary schools to provide capacity and much needed updates
- High school capacity will be addressed in cost efficient ways (i.e. Thomas Dale/Chester proposal and the 21st Century Academy)

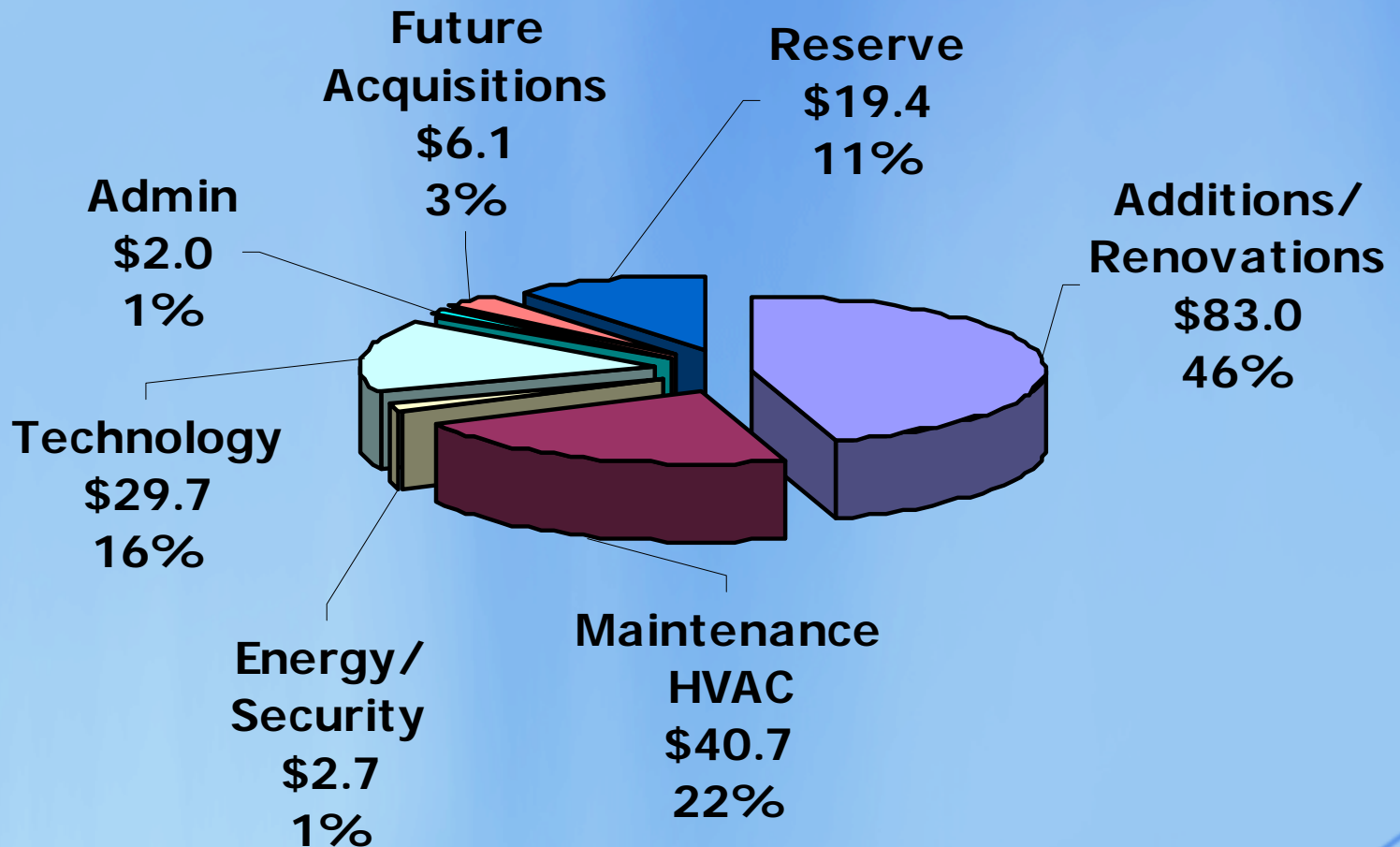
Distribution of Capital Funds FY2011 through 2015 in the FY10-15 CIP \$232.6 million

Last Year



Distribution of Capital Funds FY2011 through 2015 in the FY11-15 CIP \$183.6 million

NOW



Categories of Current CIP

Additions/Renovations

(including enrollment and capacity information)

Major Maintenance/Critical Needs (HVAC)

Technology Plan/Replacements

Security Improvements

Energy Improvements

Future Acquisitions

Reserve for Future School Projects

Enrollment Growth

9/30/03		54,807
9/30/04	846	
9/30/05	1,097	
9/30/06	1,180	
9/30/07	484	
9/30/08	157	
9/30/09	355	+4,119
9/30/10	183	
9/30/11	415	
9/30/13 (2 yrs)	328	
9/30/18 (5 yrs)	1,354	+2,280
		61,206
Total Growth		6,399

Capacity Growth

Fall Occupied	School		Capacity
2003			52,969
2004	Matoaca Middle	+737	
2005	Greenfield Elementary	+150	
2006	Manchester High	+166	
2006	Cosby High	+1,532	
2008	Winterpock Elementary	+930	
2008	Scott Elementary	+871	
2008	Davis Middle	+1,284	
2008	Tomahawk Creek Middle	+1,331	
2008	Ecoff Elementary	+161	

Capacity Growth

Fall Occupied	School		Capacity
2009	Bird High	+250	+7,142
2010	Falling Creek Elementary	+138	
2010	Clover Hill High	+177	
2010	Bellwood Elementary	+150	
2010	Falling Creek Middle	+250	
2011	Midlothian Middle	+200	
2012	Robious Middle	+300	
2012	Watkins Elementary	+150	

Capacity Growth

Fall Occupied	School		Capacity
2012	Gates Elementary	+150	
2012	Midlothian High	+100	
2013	Enon Elementary	+150	
2013	Harrowgate Elementary	+150	
2014	Monacan High	+268	
2015/2016	Elementary Additions	+600	+2,783
	Program Changes		(252)
2018			62,912
Total Increase			9,943

Renovations

- School by school review of the adequacy of facilities
 - Overcrowding
 - Program needs
 - Age and condition of the facility
- 13 renovation/addition projects were included in the 2004 bond referendum
- 4 additional projects added in FY12 and beyond
- 4 to 5 additional elementary projects will be identified after an updated school by school review this spring

Renovations

Watkins Elementary (2004 referendum)	\$4,500,000
Midlothian High (2004 referendum)	12,000,000
Monacan High	12,000,000
Harrowgate Elementary	5,000,000
Enon Elementary	5,000,000
Matoaca Elementary	7,500,000
21 st Century Academy (HVAC/Vocational)	9,000,000
Administrative Space	2,000,000
Elementary Additions/Renovations	28,000,000

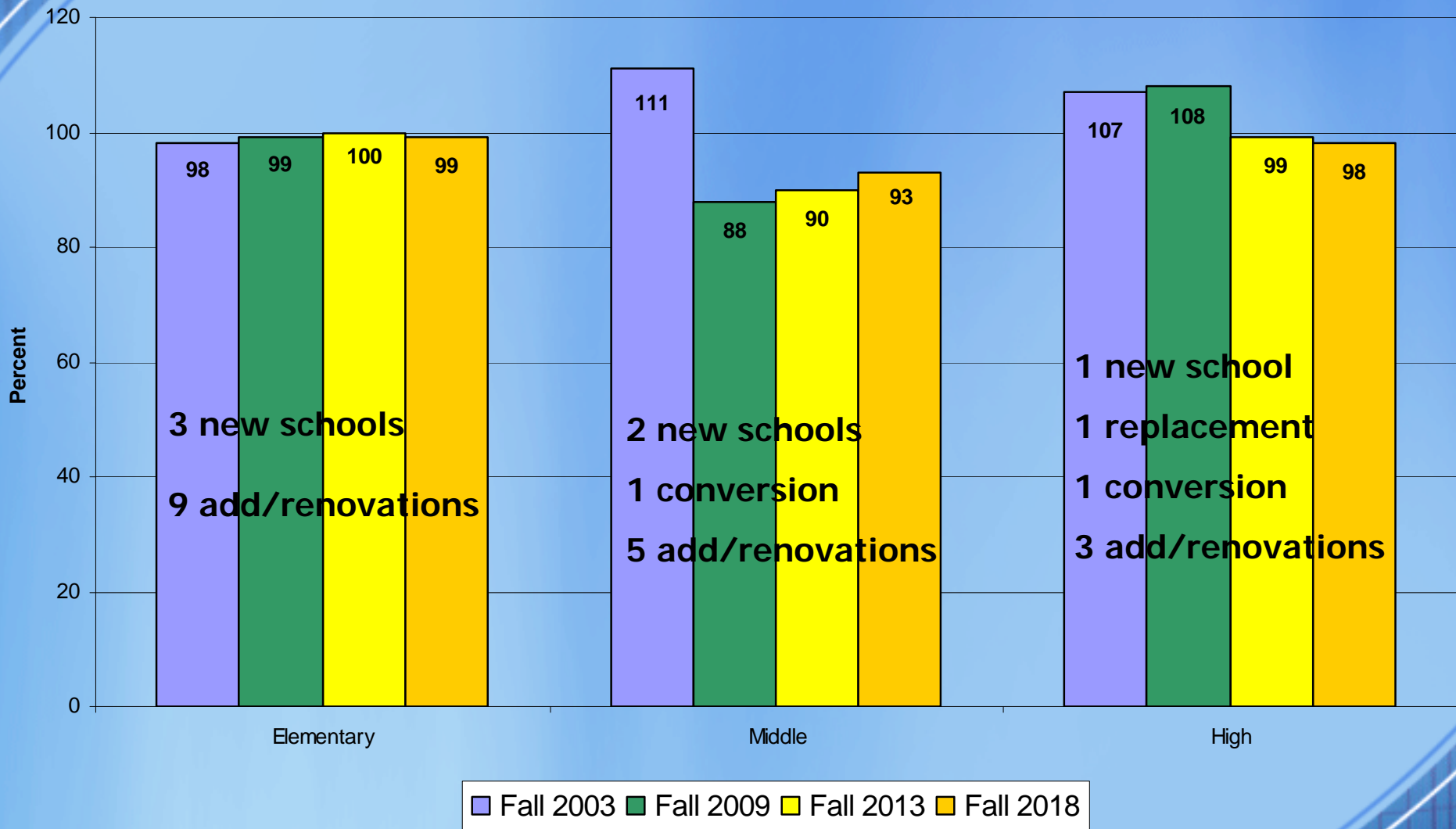
Using Space Wisely

- Addressing High School Overcrowding
 - Proposal to convert Chester Middle School to house the 9th grade of Thomas Dale
 - House the 21st Century Academy at the current Clover Hill High School
 - Review remaining conditions for other cost effective solutions

Addressing Overcrowding at Thomas Dale Enrollment and Capacity

SCHOOL	9/30/09 STUDENTS	% OF CAPACITY	9/30/10 STUDENTS	% OF CAPACITY	9/30/18 STUDENTS	% OF CAPACITY
THOMAS DALE HS	2,396	130%	1,684	92%	1,737	94%
THOMAS DALE GRADE 9	NA	NA	667	75%	610	69%
CHESTER MIDDLE	697	79%	NA	NA	NA	NA
DAVIS MIDDLE	784	61%	1,162	90%	1,193	93%
CARVER MIDDLE	845	66%	1,150	89%	1,156	90%

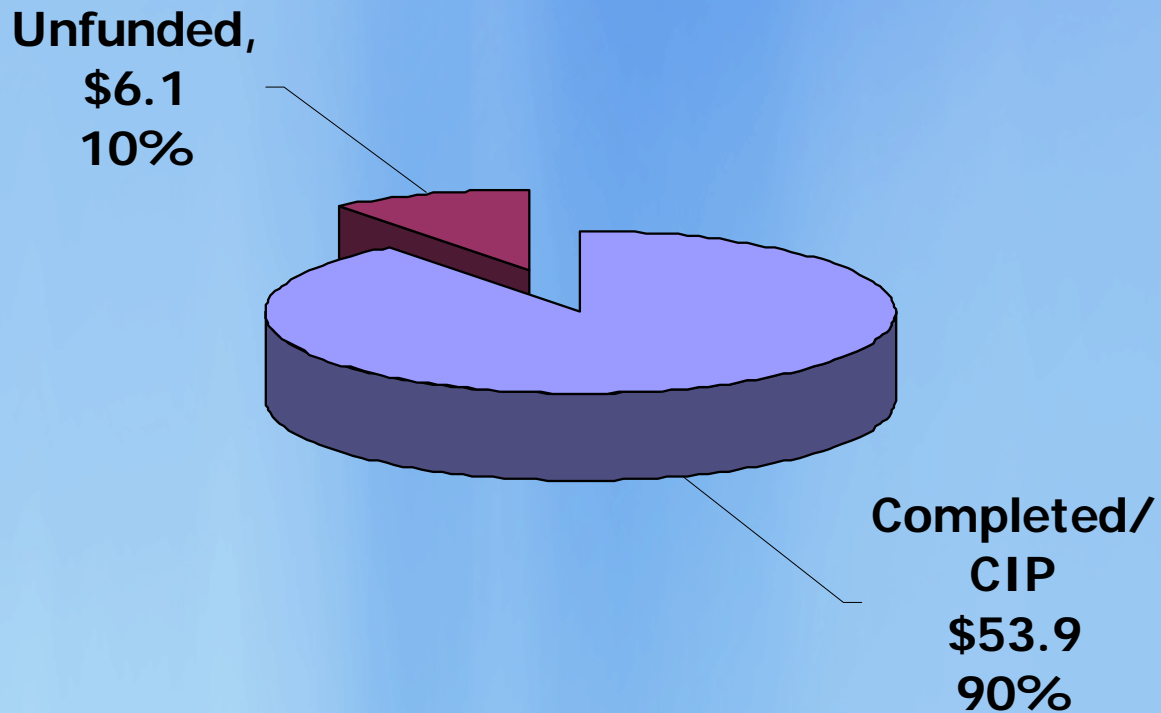
Membership as a Percent of Capacity



Major Maintenance

- Annual appropriation
- Addresses aging facilities
- Funds used for repairs/replacements of:
 - Roofs
 - Floors
 - Mechanical systems
 - Lighting, sound and telephone systems
 - Grounds

Identified Critical Needs \$60 million



Technology Master Plan

- 2004-2009 Technology Master Plan
 - Integration
 - Professional Development
 - Connectivity
 - Educational Applications
 - Accountability
- CIP contained \$14.9 million over the period for implementation
- Implementation costs were lower than expected and funding is available to support the new Master Plan

Technology Master Plan

- 2010-2014 Technology Master Plan
(presented to the School Board in October)
 - Support for Instruction
 - Curriculum
 - Professional Development
 - Accountability
- CIP contains \$12.3 million over the period for implementation

Technology Replacements and Technology Projects

- Annual appropriation for systematic replacement of computer equipment after a useful 4-year life
- State grant funds are available in FY2010 to update infrastructure to accommodate on-line SOL testing

Security Plan

- Improve exterior lighting
- Install visitor management systems in all schools
- Improve communications within each school
- Install alarm systems in all schools

Energy Improvements

- CIP contains \$1.5 million to continue energy improvements
- School Board has expressed support for building new facilities to LEED standards
- Commitment to retrofit schools with existing inefficient lighting to high-efficiency lighting
- Schools under renovation are including lighting upgrades
- In conjunction with the County, CCPS received 1.6 million of ARRA funding to retrofit 10 schools

Future Acquisitions

- Specific site and facility planning, design, and land acquisition for future school facilities
- Cash proffer collections make up the majority of the funding source for these efforts
- As revenues are collected over time, appropriations are made for specific needs

Reserve for Future Projects

- A total of \$19.4 million has been included in FY2015 to begin to build debt capacity for future new schools and/or additions and renovations

Cost of Implementation

- Debt financing will be paid through debt service as part of the operating budget in FY12 and beyond
- CIP Reserve is a mandatory transfer of cash from the operating fund to the capital fund

Debt Service

<u>Year</u>	<u>Annual Cost FY2010 Plan</u>	<u>Annual Cost FY2011 Plan</u>	<u>Change</u>
FY2003	37,348,900	37,348,900	
FY2007	41,138,200	41,138,200	
FY2011	48,503,500	47,426,400	(1,077,100)
FY2015	54,969,900	47,121,600	(7,848,300)

CIP Reserve

Year	Cash
2011	\$9,609,300
2012	\$8,779,900
2013	\$11,345,000
2014	\$11,742,000
2015	\$12,212,000
5 year total	\$53,688,200

Questions?