

**BALTIMORE COUNTY PUBLIC SCHOOLS**

**DATE:** July 10, 2007

**TO:** **BOARD OF EDUCATION**

**FROM:** Dr. Joe A. Hairston, Superintendent

**SUBJECT:** **ABBREVIATED FACILITY STATUS REPORT**

**ORIGINATOR:** J. Robert Haines, Deputy Superintendent

**RESOURCE  
PERSON(S):** Michael G. Sines, Executive Director  
Department of Physical Facilities

**INFORMATION**

This information is provided to the board as a basis from which a discussion may ensue as we begin to evaluate system-wide facility needs and the development of the FY09 school capital improvement program.

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Appendix I – Presentation

**BALTIMORE COUNTY PUBLIC SCHOOLS  
Department of Physical Facilities**

**CIP Development**

**July 10, 2007**

- I. Abbreviated Facility Status Report
  - A. Perks-Reuter Associates (Historical Perspective)
  - B. Capital Program
    - 1. Buildings
      - a. Elementary Schools – MultiSystemic Program
      - b. Middle Schools – MultiSystemic Program – Limited Renovation Program
      - c. High Schools
    - 2. Site Issues
      - a. Parking
      - b. Fields/Courts
    - 3. Support Facilities
      - a. Grounds
      - b. Food and Nutrition Services
      - c. Transportation
      - d. Office Space
- II. Program Guidelines
  - A. Maximum State Allocation (*Attachment I*)  
A-1, A-2, A-3, A-4
  - B. Limited Renovation Program (*Attachment II*)  
Memo dated April 26, 2007
  - C. Systemic Renovation Program (*Attachment III*)  
4-1, 4-2, 4-3
- III. Status Report for Middle Schools
  - A. Multi-Systemic (five) Schools
  - B. Partial or Limited Renovation Program
  - C. Spreadsheet (*Attachment IV*)
  - D. Forward-Funding Component (\$28 million)

- IV. High School Program
  - A. Level of Renovation (type) (*Attachment V*)
  - B. Sequential Order
  - C. Options (type)
    - 1. Total (High School Spreadsheet)
    - 2. Limited Renovation Program
    - 3. Systemic Renovation Program
  - D. Options (sequence)
    - 1. Original Construction Date
    - 2. Adjusted Age
    - 3. Condition Based
    - 4. Decision-Made Based
  - E. High School Renovation List (*Attachment VI*)

## APPENDIX A

### RULES, REGULATIONS, AND PROCEDURES FOR THE ADMINISTRATION OF THE SCHOOL CONSTRUCTION PROGRAM

(Accepted & Approved: June 10, 1981 - Board of Public Works)  
(Amended: September 21, 1982, September 17, 1986, December 30, 1987,  
October 11, 1989, October 6, 1993, May 7, 1997, May 21, 1997,  
May 13, 1998, October 13, 1999, May 10, 2000 and May 9, 2001)

#### 1. INTERAGENCY COMMITTEE

There shall be an Interagency Committee on School Construction (hereafter referred to as the Committee), which shall consist of the Director of the Maryland Office of Planning, the Secretary of General Services, and the State Superintendent of Schools, or their respective designees. The State Superintendent of Schools or the Superintendent's designee shall chair the Committee. The Committee shall be responsible for the appointment of an Executive Director with the approval of the Board of Public Works. All decisions of the Committee are to be by majority vote except as provided in Section 4 below. The Committee shall assemble, amend, and keep up to date an annual and a five-year program of elementary and secondary school capital improvements funded or to be funded by the State, including remodeling of school facilities as defined herein. The annual program shall contain the maximum state participation in the cost of each project.

#### 2. DEFINITION

Wherever in these regulations the term "local boards" is used, such term shall be construed to refer to the Boards of Education of the several counties and Board of School Commissioners of Baltimore City. However, all prerogatives allowed to the Committee for prior review and approval as prescribed and required herein shall not be abrogated on account of the title of school property and the improvements thereon being in the name of the Mayor and City Council of Baltimore.

#### 3. EDUCATIONAL FACILITIES MASTER PLAN

- (a) As a condition of the receipt of state project approval and/or school construction funds, each local board of education shall prepare, submit, and annually amend its school system's educational facilities master plan.
- (b) The master plan and amendments thereto shall be reviewed by the Committee as to format, content, and completeness as described in the Public School Construction Program Administrative Procedures Guide.
- (c) The Committee will notify the LEA in writing of its comments noting any objections or exceptions it has to the educational facilities master plan. This planning document together with its annual amendments submitted by the LEA and the aforementioned Committee comments becomes the plan of record.

(d) The annual and subsequent five-year capital improvement program submitted by each local board of education shall be consistent with the current educational facilities master plan of record. The Committee may recommend to the Board of Public Works the disapproval of any school construction project that is not consistent with the current master plan of record.

4. STATE CONSTRUCTION PROGRAM

Prior to September 15 of each year, the Committee shall inform each local board of the amount of estimated capital funds available for the upcoming fiscal year. Each local board shall submit to the Committee by December 7 of each year its updated and detailed capital improvement program for the following fiscal year, to be accompanied by a school capital improvement program for the ensuing five years, both of which shall have been approved by the appropriate local governing bodies. The Committee shall recommend approval or, in consultation with affected local boards, modification of the capital improvement programs, and forward a consolidated State program for the following fiscal year to the Board of Public Works to be acted on at the Board's January meeting. In the event the Committee is unable to reach unanimous agreement on any aspect of the consolidated program, the final recommendation to the Board of Public Works shall be as determined by the Governor. Amendments to the consolidated State program which a local board deems it necessary to submit during the course of the year shall also be subject to approval by the Committee and the Board of Public Works.

5. MAXIMUM STATE PROJECT ALLOCATION

The Committee shall establish a maximum State construction allocation which is the maximum State participation for each project when it is being considered for inclusion in an annual capital improvement program for construction funding as follows:

- (a) The maximum State construction allocation shall be based on the product of the latest adjusted average statewide per square foot cost of construction for schools in Maryland and the approved area allowances for the project as limited by the PSCP capacity and space formula and these rules and regulations.
- (b) The average per square foot cost of school construction based on the best cost experience of schools constructed in the prior year(s) shall be published by the Committee at least annually. The per square foot construction cost shall include site work, and the per square foot building cost shall exclude site work.
- (c) The maximum State construction allocation shall also include adjustments for inflation to time of bid, regional cost differences, and a percentage for contingency as determined by the Committee.
- (d) The maximum State construction allocation shall be adjusted to reflect the State and local sharing of this expenditure for all projects approved for local planning on or after January 3, 1994. The State percentages established for previously approved planning and/or construction projects will be utilized for State funding of construction. The current policy is 50% - 75% State funding. The State share, which represents the maximum State construction allocation for the

eligible portion of a construction contract is computed by applying the following percentages to the factors cited in sections (a), (b) and (c) above:

Allegany County	- 75 percent	Harford County	- 65 percent
Anne Arundel County	- 50 percent	Howard County	- 50 percent
Baltimore City	- 75 percent (2)	Kent County	- 50 percent
Baltimore County	- 50 percent	Montgomery County	- 50 percent
Calvert County	- 55 percent	Prince George's County	- 60 percent (3)
Caroline County	- 75 percent	Queen Anne's County	- 55 percent
Carroll County	- 65 percent	St. Mary's County	- 70 percent
Cecil County	- 70 percent	Somerset County	- 80 percent (1)
Charles County	- 65 percent	Talbot County	- 50 percent
Dorchester County	- 70 percent	Washington County	- 65 percent
Frederick County	- 65 percent	Wicomico County	- 70 percent
Garrett County	- 70 percent	Worcester County	- 50 percent

- (1) This is an exception to the current policy.
- (2) For Fiscal Year 1998 through Fiscal Year 2003, Baltimore City shall receive 90 percent for the first \$10 million allocated by the State and then 75 percent if any State funds are provided in excess of \$10 million. However, 90% shall be provided for the first \$20 million in FY 2002 and FY 2003.
- (3) For Fiscal Year 1999 through Fiscal Year 2003, Prince George's County shall receive 75 percent of the eligible project costs for the first \$35 million allocated by the State and then 60 percent if any State funds are provided in excess of \$35 million.

- (e) The maximum State allocation for a project shall be reviewed before the Committee and the Board of Public Works prior to approving the capital improvement program. Once the allocation is established as prescribed herein and included in an annual capital improvement program and approved by the Board of Public Works, it cannot be increased and shall not be subject to appeal, Section 10 notwithstanding.

## 6. ELIGIBLE EXPENDITURES

State participation in the contract costs of the following types of capital improvements which support public school programs and services that serve students in pre-Kindergarten through grade 12 and students with disabilities from birth through age 20 shall be eligible if approved in accordance with these regulations:

- (a) For a new school, first-time site development ten feet beyond the building perimeter and including but not limited to outdoor educational facilities, demolition, landscaping, paving, fencing, water, electric, telephone, sanitary, storm, grading, seeding, sodding, erosion control, and fuel services.
  - (a-1) The maximum State construction allocation as indicated in Section 5 shall be computed to include 12 percent of the building cost for site development.

- (a-2) The LEA may request that the IAC approve an expenditure in excess of the 12 percent of the building cost for site development provided that the maximum State construction allocation is not exceeded.
- (a-3) This does not preclude a local board of education from paying site development costs in excess of those allowed herein.
- (b) New schools that can be justified because of growth or population shifts.
- (c) An addition(s) to an existing school building such as: classrooms, media center, art and music facilities. This category excludes any alteration of the existing building except for that limited work required to physically integrate the proposed addition(s) into the existing facility.
- (d) A new building or part thereof to replace an existing obsolete school or part thereof in use for 40 years or more. Obsolescence shall be based on educational program requirements and/or structural considerations as determined by the Committee.
  - (d-1) The board of education has the option to request the Committee to consider, in lieu of replacing a school building over 40 years old, the renovation of such building, providing life cycle and cost benefit studies demonstrate the economic feasibility of modernization over replacement.
- (e) The modernization or remodeling of an existing school building, in whole or part, with the following exceptions and limitations:
  - (e-1) Alteration, modification, or renovation to existing school buildings or portions thereof in use for 15 years or less from the date of occupancy shall not be eligible for State participation in the costs of construction.
  - (e-2) Except as allowed in (d-1), the Committee shall establish a maximum cost of construction for remodeling a school building or parts thereof. The maximum State construction allocation shall be based upon the product of the "building cost" per square foot, the number of square feet approved for the project, and the following percentages:
    - (e-2-a) For an approved building addition or replacement of a portion of a building over 40 years of age - 100 percent with this product increased by 12 percent for site redevelopment.
    - (e-2-b) For alterations within a building or portion thereof which has been occupied:

0 - 15 years	0 percent
16 - 20 years	50 percent
21 - 25 years	65 percent
26 - 30 years	75 percent
31 - 39 years	85 percent
40 years or more	100 percent



MARTIN O'MALLEY  
GOVERNOR

STATE OF MARYLAND  
PUBLIC SCHOOL CONSTRUCTION PROGRAM  
200 W. BALTIMORE STREET  
BALTIMORE, MARYLAND 21201  
410-767-0817

INTERAGENCY COMMITTEE ON SCHOOL CONSTRUCTION

DAVID G. LEVER  
EXECUTIVE DIRECTOR  
NANCY S. GRASMICK  
CHAIRPERSON

April 26, 2007

Mr. Michael G. Sines  
Executive Director of Physical Facilities  
Baltimore County Public Schools  
6901 Charles Street  
Towson, MD 21204

Re: FY 2008 Requests for Renovation of Middle Schools: Designation as Limited Renovations

Dear Mr. Sines:

We are in receipt of your letter dated April 16, 2007, received in our office on April 23, 2007, requesting that if the limited renovation category is formally adopted by the Interagency Committee on School Construction (IAC), "all middle schools currently under consideration for planning approval, and funding, be considered for this designation (including Deep Creek Middle School)."

At a regularly scheduled meeting of April 19, 2007, the IAC approved the limited renovation category (copy of motion enclosed). The motion specifies that "a limited renovation shall 1) Bring to current performance standards five or more building systems, and 2) Include widespread architectural improvements and enhancements of educational programs, subject to evaluation by the IAC." The motion further states that

"Each project requested as a limited renovation will be evaluated by the Designees to determine if the project scope meets the criteria above, and to determine the eligible scope of the project. Additional information may be requested of the LEA before the Designees make a recommendation of project eligibility and State funding participation to the IAC. The Designees may recommend and the IAC may approve waiver of any of the conditions above under special circumstances. The IAC will consider every project request on an individual basis, based on staff recommendations and any additional information provided by the IAC."

At the meeting of April 19, the IAC approved the Deep Creek Middle School to be retroactively re-classified as a limited renovation, in deference to the great need to replace the roof as a systemic renovation project.

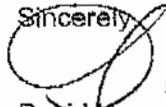
I will ask my secretary, Ms. Antoinette James, to call you in order to schedule a meeting immediately to discuss your request. It will be necessary to analyze each project request on a case-by-case basis. For each request, please provide information if any of the below items have changed since the construction document submission to MSDE:

Mr. Michael G. Sines  
April 26, 2007  
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- Full description of the building systems that will be improved;
- Floor plans indicating which spaces will receive architectural enhancement;
- Estimated cost of the complete renovation.

The urgency of setting up this working meeting is driven by the current schedule for approval of the FY 2008 CIP by the Board of Public Works, now scheduled for May 9, 2007. With few exceptions, it has not been the practice of the IAC or the BPW to change project allocations or designations once they have been approved. Accordingly, we would like all matters regarding the eligibility and scope of the Baltimore County middle school projects to be settled prior to the Board of Public Works meeting of May 9, 2007.

Please feel free to call me at any time to discuss this matter.

Sincerely,  


David Lever, R.A., D.A.  
Executive Director, Maryland Public School  
Construction Program

Enclosures

cc: Dr. Nancy S. Grasmick  
Mr. Alvin Collins  
Mr. Richard Hall  
Mr. Timothy Maloney  
Mr. Fred Puddester  
Ms. Joan Schaefer  
Mr. David Whitaker  
Mr. Ken Lurz  
Ms. Robin Allen  
Dr. Joe A. Hairston  
Mr. J. Robert Haines  
Mr. Richard H. Cassell  
Mr. Edward Blades

SECTION II - DISCUSSION ITEMS AND DEFERRED ITEMSIAC Minutes  
February 22, 2007

## LIMITED RENOVATION PROJECTS

Revised 2-22-07

Revised 4-6-07

Background:

In the last several years, renovation projects with a limited scope have been submitted by three school systems. These include the Kent County High School in Kent County, the Fairmont Heights High School in Prince George's County, and a large number of middle schools in Baltimore County. Typically, the scope of these projects was tailored to a target construction budget, and included building-wide upgrades or replacement of entire or portions of selected building systems with specific educational enhancements. In the FY 2007 CIP requests, two renovation projects with selective scope were requested, including one project in Prince George's County (Doswell Brooks Elementary School), and one project in Kent County (further renovations to Kent County High School). Although no requests for such projects were received other than from Baltimore County in the FY 2008 CIP, it is anticipated that requests for State approval of renovations of limited scope may become more frequent as building costs continue to escalate and school systems find it difficult to obtain funding for full building renovations.

The Issue:

The Rules Regulations, and Procedures for the Administration of the Public School Construction Program (Appendix A, SECTION 6, e-1 of the PSCP Administrative Procedures Guide), state that "alteration, modification, or renovation to existing school building or portions thereof in use for 15 years or less from the date of occupancy shall not be eligible for State participation in the costs of construction."<sup>1</sup> Similar language is found in the proposed regulations of the Public School Construction Program, currently under review by the Administrative, Executive, and Legislative Regulatory Committee (AELR); see regulation 23.03.02.11. The IAC has consistently applied this rule to schools that have undergone a major renovation, making them ineligible for State funds until the building reaches 16 years of age from the date when the improvements were placed in use.

The "15 year rule" was intended to apply to full renovations, under the view that full renovation should produce a building that is new for all practical purposes. The rule was not originally envisioned for renovations of limited scope, a relatively new type of project for which the PSCP does not have a clear definition nor a specific project category. Although these projects of limited scope are technically classified as renovations, their scope typically involves 25 to 50% of the work addressed in a major renovation (as measured by cost). When a renovation project of limited scope is completed, a number of educational program spaces and building systems remain that have not been upgraded.

In November 2005, the designees presented a motion to the IAC establishing a new project category called Limited Renovation (Attachment I). The motion was rejected at that time under the argument that the criteria proposed would allow a large number of renovations of low quality to be performed, and that the IAC should promote instead the execution of full-scope renovations. In the belief that the conditions of construction escalation and restricted funding that applied in the fall of 2005 are just as urgent now as they were in the fall of 2005, the designees propose a revised motion to establish the Limited Renovation category. The motion

<sup>1</sup> In practice, the PSCP indicates to the LEAs in its July letter on the upcoming capital improvement program the dates of eligibility. For the FY 2008 CIP, a renovation project put into service after January 1, 1991, would be less than 16 years old as of January 1, 2007, and consequently would not be eligible under current rules for funding in the FY 2008 allocation.

attempts to address the concerns of the IAC members by raising the threshold for a project to be approved as a Limited Renovation. Also attached is an outline of the procedures that will apply to projects in this category.

Motion:

TO APPROVE THE FOLLOWING DEFINITIONS, CRITERIA FOR A LIMITED RENOVATION, PROJECT ELIGIBILITY SUBSEQUENT TO A LIMITED RENOVATION, AND CALCULATION OF BUILDING YEAR AFTER COMPLETION OF A LIMITED RENOVATION PROJECT:

DEFINITIONS

**COMPLETE RENOVATION PROJECT:**

A MAJOR CONSTRUCTION PROJECT THAT UPGRADES AN EXISTING BUILDING TO OR VERY CLOSE TO THE CURRENT EDUCATIONAL, BUILDING PERFORMANCE, AND AESTHETIC QUALITIES OF A NEW SCHOOL, AND PRECLUDES FURTHER PARTICIPATION BY THE STATE WITHIN 15 YEARS AFTER THE PROJECT IS PLACED IN SERVICE.

**LIMITED RENOVATION PROJECT:**

A MAJOR CONSTRUCTION PROJECT THAT UPGRADES AN EXISTING BUILDING TO ACHIEVE MANY, BUT NOT ALL, OF THE CURRENT EDUCATIONAL, BUILDING PERFORMANCE, AND AESTHETIC QUALITIES OF A NEW SCHOOL IN ORDER TO CREATE A MORE EFFICIENT AND SAFE ENVIRONMENT, AND ALLOWS FURTHER PARTICIPATION BY THE STATE WITHIN 15 YEARS AFTER THE PROJECT IS PLACED IN SERVICE.

A LIMITED RENOVATION WILL GENERALLY INVOLVE THE RECONFIGURATION OF WALLS, CORRIDORS, ETC. AND ARCHITECTURAL IMPROVEMENTS TO THE EXTERIOR OF THE BUILDING OR SITE, AS WELL AS THE RELOCATION AND EXPANSION OF INSTRUCTIONAL SPACES, IN ORDER TO ENHANCE CIRCULATION, CODE COMPLIANCE, BUILDING PERFORMANCE, AND DELIVERY OF THE EDUCATIONAL PROGRAM.

A LIMITED RENOVATION PROJECT SHALL:

1. BRING TO CURRENT PERFORMANCE STANDARDS FIVE OR MORE MAJOR BUILDING SYSTEMS;
2. INCLUDE WIDESPREAD ARCHITECTURAL IMPROVEMENTS AND ENHANCEMENTS OF EDUCATIONAL PROGRAMS, SUBJECT TO EVALUATION BY THE IAC.

EACH PROJECT REQUESTED AS A LIMITED RENOVATION WILL BE EVALUATED BY THE DESIGNEES TO DETERMINE IF THE PROJECT SCOPE MEETS THE CRITERIA ABOVE, AND TO DETERMINE THE ELIGIBLE SCOPE OF THE PROJECT. ADDITIONAL

INFORMATION MAY BE REQUESTED OF THE LEA BEFORE THE DESIGNEES MAKE A RECOMMENDATION OF PROJECT ELIGIBILITY AND STATE FUNDING PARTICIPATION TO THE IAC. THE DESIGNEES MAY RECOMMEND AND THE IAC MAY APPROVE WAIVER OF ANY OF THE CONDITIONS ABOVE UNDER SPECIAL CIRCUMSTANCES. THE IAC WILL CONSIDER EVERY PROJECT REQUEST ON AN INDIVIDUAL BASIS, BASED ON STAFF RECOMMENDATIONS AND ANY ADDITIONAL INFORMATION PROVIDED BY THE LEA.

#### SUBSEQUENT PROJECT ELIGIBILITY

1. IN THE 15 YEARS FOLLOWING A LIMITED RENOVATION, THE BUILDING IS ELIGIBLE FOR STATE PARTICIPATION IN ADDITIONAL ELIGIBLE WORK NOT INCLUDED IN THE AWARDED CONTRACTUAL SCOPE OF THE LIMITED RENOVATION PROJECT.
2. THE WORKSHEET FOR THE LIMITED RENOVATION PROJECT WILL STATE DURING WHICH FISCAL YEARS ELIGIBLE PROJECTS MAY BE SUBMITTED FOR STATE PARTICIPATION.
3. IF RENOVATION OF THE FACILITY IS PROPOSED AFTER THE ELAPSE OF 15 YEARS FROM THE DATE THE LIMITED RENOVATION IS PLACED IN SERVICE, THE STATE FUNDING FOR ADDITIONAL WORK APPROVED SUBSEQUENT TO THE LIMITED RENOVATION BUT WITHIN THE 15 YEAR LIMIT WILL BE DEDUCTED FROM THE NEW SCOPE IF SUCH DEDUCTION WOULD OTHERWISE BE APPLICABLE.

#### ADJUSTED BUILDING YEAR

AFTER COMPLETION OF A LIMITED RENOVATION PROJECT, THE ADJUSTED BUILDING YEAR WILL BE CHANGED IN THE PSCP FACILITY INVENTORY TO BE THE AVERAGE, PROPORTIONATE YEAR OF CONSTRUCTION OF THE EXISTING BUILDING PLUS THE YEAR OF COMPLETION OF THE LIMITED RENOVATION, DIVIDED BY TWO (2).

*EXAMPLE: A SCHOOL ORIGINALLY BUILT IN 1960 WITH ADDITIONS IN 1972 AND 1987 HAS AN AVERAGE, PROPORTIONATE YEAR OF CONSTRUCTION OF 1969. A LIMITED RENOVATION APPROVED FOR PLANNING AND FUNDING IN FY 2009 IS PUT INTO SERVICE IN THE FALL OF 2009. THE ADJUSTED BUILDING YEAR WILL NOW BE 1989 ((2009 + 1969)/2).*

THIS ADJUSTED BUILDING YEAR WILL BE USED:

1. TO DETERMINE, IN CONJUNCTION WITH OTHER FACTORS, THE PRIORITY OF A FUTURE RENOVATION OR ADDITION REQUEST FOR PLANNING APPROVAL RELATIVE TO OTHER CAPITAL IMPROVEMENT PROGRAM PLANNING APPROVAL REQUESTS;
2. TO DETERMINE THE LEVEL OF STATE PARTICIPATION IN A FUTURE PROJECT RENOVATION AFTER ELAPSE OF 15 YEARS; AND
3. TO DETERMINE THE AVERAGE AGE OF AN LEA'S SCHOOL FACILITIES IN ORDER TO ESTABLISH THE ALLOCATION OF AGING SCHOOL PROGRAM FUNDING WHEN PERIODIC REVISIONS OF THE FUNDING LEVELS ARE MADE.

SECTION  
400  
SYSTEMIC RENOVATIONS

Systemic renovations are renovations of specific building systems in a school facility. This type of renovation is to prolong the life of a building by renovating those parts of a facility having the greatest need without disturbing the total structure. This section will explain the procedure to be followed through this type of renovation.

## 401 SYSTEMIC RENOVATION PROJECTS

### 401.1 DEFINITION

A systemic renovation shall be defined for the purposes of this section as the repair or replacement of a major system of a properly maintained facility thereby extending the useful life of the facility or component thereof for a minimum of fifteen (15) years.

### 401.2 CATEGORIES OF SYSTEMIC RENOVATION PROJECTS

#### A. Structural

The replacement or renovation of roofs, wall systems, floor, or ceiling systems.

#### B. Mechanical

The replacement or renovation of heating, ventilating, and air conditioning systems, or mechanical sub-systems.

#### C. Plumbing

The replacement or renovation of water supply and sanitary systems.

#### D. Electrical

The replacement or renovation of an electrical system, including the switchgear and distribution system.

#### E. Fire Safety

The installation, replacement, or renovation of a fire safety system, including sprinklers, fire alarm, and fire detection systems.

#### F. Conveying Systems

The installation, replacement, or renovation of an elevator system.

### 401.3 PROJECT ELIGIBILITY

- A. Systemic renovation projects must extend the life of the facility or component at least 15 years.
- B. Total project costs below \$100,000 are not eligible. See exception in E. below.

- C. Combining systemic renovations within a building system category, each costing less than \$100,000 but in combination costing over \$100,000 would not be eligible for State funding except in special cases where other systemic renovations are necessary for supporting the primary renovations.
- D. Combining systemic renovations by consolidating work from more than one building system category with each category costing less than \$100,000 but in combination costing over \$100,000 would not be eligible for State funding.
- E. Small systemic renovation projects costing less than \$100,000 but more than \$50,000 are eligible. This fund source could only be available for a jurisdiction that did not have any requests for systemic projects exceeding \$100,000 in estimated costs.
- F. State funds shall be used only for contractual construction work. Costs for design, consultant fees, or LEA salaries shall not be eligible.
- G. If a school building is renovated through the PSCP within 15 years of completion of a systemic renovation project, the maximum State construction allocation for the renovation of the building shall be adjusted to account for the State's previous systemic renovation allocation(s).
- H. If a school building or component is less than 16 years old, it is not eligible for State funding.
- I. If a school building was approved for renovations through the PSCP prior to January 1, 1987, and the building or component is over 16 years of age and was not included in the renovation work, the work will be considered eligible for State funding.
- J. If a school building was approved for renovations through the PSCP after January 1, 1987 and a building component(s) were not included in the State funded project, the work on these components will not be eligible until 16 years after the completion of the renovation project.
- K. If the building ceases to be used for an educational purpose, the county will be responsible for assuming the outstanding bond debt remaining on the systemic renovation project.

#### 401.4 SYSTEMIC RENOVATION REQUESTS

- A. The eligible cost of an approved systemic renovation project shall be shared by the State and the LEA based upon the State/local shared cost formula.
- B. Upon determination of need to renovate a system within a school, the LEA will submit a request to the IAC as part of the annual and five-year public school capital improvement program. The request shall be supported by fully executed copies of forms 102.2 and 102.3 as described in sections 102.3 and 102.4.

<b>Baltimore County Public Schools</b>				
<b>Middle School Renovation Status</b>				
<b>MS Renovation Projects</b>	<b>Project Status</b>	<b>Actual or Projected Completion Date</b>	<b>Project Budget</b>	<b>Final Project Cost</b>
Franklin MS	Construction 100% Complete	November 2005	\$5,638,000	\$5,369,667
Golden Ring MS	Construction 100% Complete	April 2006	4,652,000	4,368,563
Dundalk MS	Construction 100% Complete	September 2005	5,911,000	5,776,489
Stemmers Run MS	Construction Complete	September 2005 *	3,357,000	3,356,909
Parkville MS	Construction 100% Complete	July 2005	7,491,000	7,435,302
Dumbarton MS	Construction 100% Complete	September 2006	6,304,000	6,107,421
Sparrows Point MS	Under Construction - 37% Complete			
Sudbrook Magnet MS	Awarding Bid - June 2007	August 2009	14,993,000	
Arbutus MS	Under Construction - 96% Complete			
Middle River MS	Construction 100% Complete	August 2006	2,328,000	2,302,707
Ridgely MS	Under Construction - 65% Complete	January 2008	14,227,000	
Southwest Academy	Under Construction - 47% Complete	April 2008	7,733,000	
Holldale MS	Under Construction - 35% Complete	December 2008	17,456,000	
Loch Raven Tech. Academy	Under Construction - 25% Complete	December 2008	16,863,000	
Woodawn MS	Under Construction - 35%	August 2008	18,543,000	
Catonsville MS	Under Construction - 33% Complete			
Deep Creek MS	Award 5/8/2007	May 2009	17,462,000	
Perry Hall MS	Under Construction - 25% Complete			
Old Court MS	Under Construction - 13% Complete	November 2008	\$22,126,000 includes roof money	
Cockeysville MS	Under Construction - 25% Complete	August 2008	17,890,000	
General John Stricker MS	Under Construction - 15% Complete	December 2008	23,256,000	
Pikesville MS	Under Construction - 23% Complete	December 2008	21,806,000	
Lansdowne MS	Under Construction - 20% Complete			
Deer Park MS	Under Construction - 34% Complete	August 2008	20,360,000	
Dear Park MS	Complete	October 2008	20,242,000	
Pine Grove MS	Award April 24, 2007 (PO forthcoming)	May 2009	20,207,000	
Hereford MS	Under Construction - 30% Complete	October 2008	12,254,000	
			<b>\$369,089,000</b>	
Notes: * Stemmers Run systemic project was completed however window replacement is still underway.				

**Baltimore County Public Schools  
Projected High School Renovation Schedule  
(Construction Costs Only)**

High School	Original Construction Date	Total Square Feet	Maximum Renovation Cost at \$240.80/SF**	Projected Renovation Date*	Limited Renovation Cost at \$120.40/SF**	Projected Renovation Date*
Sollers Point Technical	1948	117,745	\$28,352,996	FY11	\$14,176,498	FY09
Carver Center for Arts and Technology	1949	160,130	38,559,304	FY08	19,279,652	FY08
Towson	1949	205,313	49,439,370	FY11	24,719,685	FY09
Milford Mill Academy	1949	210,339	50,649,631	FY10	25,324,816	FY09
Hereford	1953	194,883	46,927,826	FY12	23,463,913	FY10
Catonsville	1954	231,497	55,744,478	FY08	27,872,239	FY08
Kenwood	1955	248,950	59,947,160	FY13	29,973,580	FY10
Sparrows Point	1956	103,313	24,877,770	FY14	12,438,885	FY11
Parkville	1958	273,013	65,741,530	FY15	32,870,765	FY11
Dundalk	1959	216,245	52,071,796	FY16	26,035,898	FY12
Franklin	1960	211,892	51,023,594	FY17	25,511,797	FY13
Woodlawn	1961	317,325	76,411,860	FY18	38,205,930	FY13
Overlea	1961	203,505	49,004,004	FY20	24,502,002	FY14
Patapsco	1963	200,825	48,358,660	FY21	24,179,330	FY15
Lansdowne	1963	211,070	50,825,656	FY22	25,412,828	FY15
Pikesville	1964	186,520	44,914,016	FY23	22,457,008	FY16
Dulaney	1964	250,286	60,268,869	FY24	30,134,434	FY16
Perry Hall	1967	281,154	67,701,883	FY25	33,850,942	FY17
Randallstown	1969	218,135	52,526,908	FY27	26,263,454	FY17
Western	1970	160,349	38,612,039	FY28	19,306,020	FY18
Eastern	1970	218,065	52,510,052	FY29	26,255,026	FY18
Loch Raven	1972	190,600	45,896,480	FY30	22,948,240	FY19
Chesapeake	1977	207,500	49,966,000	FY31	24,983,000	FY20
Owings Mills	1978	176,810	42,575,848	FY32	21,287,924	FY20
New Town	2003	209,609	50,473,847	FY33	25,236,924	FY21
<b>TOTAL</b>		<b>5,205,073</b>	<b>\$1,253,381,578</b>		<b>\$626,690,789</b>	

\* Assumes State funding of \$23 million per year (average for FY05-FY07) will be provided.

\*\*Costs include both State and County construction portions based on FY08 published rates.

\*\*\*LEA responsible for ancillary costs: design, environmental testing, construction management & inspection, advertising/printing & ineligible items

## HIGH SCHOOL RENOVATION LISTING

No of High Schools	High Schools	Area	Year Built	Adjusted Age	Renovation	Other
1	Sollers Point Technical High	SE	1948	1954		?
2	Towson High	CN	1949	1951	1998	?
3	Milford Mill Academy-High	NW	1949	1960	1993	?
4	George Washington Carver Center	CN	1949	1961		?
5	Hereford High	CN	1953	1954	1993	?
6	Catonsville High	SW	1954	1967		?
7	Kenwood High	NE	1955	1962	2007	?
8	Sparrows Point Middle/High	SE	1956	1964	2007	?
9	Parkville High	NE	1958	1966		?
10	Dundalk High	SE	1959	1959		?
11	Franklin High	NW	1960	1970	1993	?
12	Overlea High	NE	1961	1962		?
13	Woodlawn High	SW	1961	1972		?
14	Patapsco High	SE	1963	1964		?
15	Lansdowne High	SW	1963	1965		?
16	Pikesville High	NW	1964	1964		?
17	Dulaney High	CN	1964	1973		?
18	Perry Hall High	NE	1967	1974		?
19	Randallstown High	NW	1969	1970		?
20	Eastern Technical High	NE	1970	1973		?
21	Western School of Technology-High	SW	1970	1978		?
22	Loch Raven High	CN	1972	1972		?
23	Chesapeake High	SE	1977	1977		?
24	Owings Mills High	NW	1978	1979		?
25	New Town High	NW	2003	2003		

## High School Other Capital Projects

No.	High School	Year	Other State Capital Improvements
1	Sollers Point Technical Academy	1999	Roof replaced
		1999	TIMS
		1999	Fire alarm system replaced
		1999	Boiler, hot water heater, and condensate tank replaced
		2003	Science rooms renovated
2	Towson High	1998	Modernization
3	Milford Mill Academy-High	2001	Gymnasium bleachers replaced
		2001	Gymnasium floor replaced
		2002	TIMS
		2003	School lockers replaced
		2004	intercom system replaced
4	George Washington Carver Center	1999	Roof replaced
		1999	Boilers, fuel tanks, and automatic temperature controls replaced
		2001	Gym floor replaced
		2003	Science rooms renovated
		2003	Security panel upgraded
5	Hereford High	2005	Lockers and exterior doors replaced
		1999	New well pumping system
		2001	Gymnasium lighting replaced
		2002	TIMS
		2003	Gymnasium bleachers replaced
6	Catonsville High	2005	Hot water heater replaced
		1999	Univents, upgrade electrical, and lighting replaced
		1999	TIMS
		2000	Health suite renovated
		2001	Eleven science classrooms/lab renovated
7	Kenwood High	2001	Gymnasium floor and bleachers replaced
		1998	Boilers and plumbing replaced; electrical system upgraded
		1998	Four science classrooms/lab renovated
		1998	Gymnasium floor refinished
		1999	TIMS
		1999	Two boilers and hot water heaters replaced
		2000	Floor tile replaced
		2001	Floor tile replaced
		2002	Roof replaced
		2002	Interior doors replaced; health suite upgraded
2003	Alarm system replaced and panel upgraded		
8	Sparrows Point Middle/High	1994	Boilers replaced
		1998	TIMS
		1999	Air conditioning installed in auditorium
		2000	Gymnasium floor refinished
		2000	Gymnasium bleachers replaced

<b>No.</b>	<b>High School</b>	<b>Year</b>	<b>Other State Capital Improvements</b>
8	Sparrows Point Middle/High (Continued)	2000	Boys gymnasium lockers replaced
		2001	Six science classrooms/lab renovated
		2002	Windows and exterior doors replaced
		2002	Auditorium seating replaced
		2003	Security system upgraded
		2004	Existing intercom system updated
		2004	Asbestos abatement
		9	Parkville High
1994	Roof replaced		
1995	Science classrooms/labs renovated		
1998	Restrooms renovated		
1999	Gymnasium bleachers replaced		
1999	Heating system, fire alarm, and smoke ventilation renovated		
2004	Exterior lighting upgraded		
2005	Auditorium seating replaced		
10	Dundalk High	2005	Auditorium seating replaced
		1998	TIMS
		1998	Gymnasium bleachers replaced
		1997	Heating system replaced
		1999	Air conditioning in the library and technology education wing replaced
		1999	Gymnasium lighting replaced
		1999	Ten Science classrooms/labs renovated
		2003	Replaced fire alarm system.
11	Franklin High	1993	Roof replaced
		1998	Auditorium lighting replaced
		1999	TIMS
		2000	Gymnasium bleachers replaced
		2001	Auditorium seating replaced
		2002	Nine Science classrooms/labs renovated
		2003	Stage replaced
		2003	Security system replaced
12	Overlea High	2004	Activity room lighting replaced
		1999	TIMS
		1999	Auditorium doors replaced
		2000	Gymnasium floor refinished
		2000	Gymnasium bleachers replaced
		2000	Seven science classrooms/labs renovated
		2001	Auditorium and stage lighting replaced
		2002	Replaced and upgraded fire alarm system
2003	Upgraded retaining wall and electrical system		
2003	Water tank replaced		
2003	Heating system and piping in gymnasium crawl space replaced		
2004	Gymnasium lockers replaced		

<b>No.</b>	<b>High School</b>	<b>Year</b>	<b>Other State Capital Improvements</b>
12	Overlea High (Continued)	2004	Roof replaced
		2004	Stage door refinished
		2005	Heating lines replaced
13	Woodlawn High	1991	Roof replaced
		1997	TIMS
		1999	Boys gymnasium lockers replaced
		1999	Windows and doors replaced
		1999	Gymnasium floor refinished
		1999	Gymnasium bleachers replaced
		2002	Fire alarm system replaced
		2004	Boiler replaced
		2004	Ten Science classrooms/labs renovated
		14	Patapsco High
1998	Air conditioning installed in auditorium		
1999	Gymnasium floor refinished		
2000	Boys gymnasium lockers replaced		
2000	Seven science classrooms/labs renovated		
2002	Three Science classrooms/labs renovated		
2002	Roof replaced		
2002	Slab reinforced		
2005	Boilers replaced		
15	Lansdowne High		
		1999	Exterior steps replaced
		1999	Gymnasium door replaced
		1999	Gymnasium floor refinished
		1999	Gymnasium bleachers replaced
		2000	Boys gymnasium lockers replaced
		2000	Roof replaced
		2000	Eight Science classrooms/labs renovated
		2001	Structural repairs completed
		2004	Corridor lockers replaced
16	Pikesville High	2003	Boiler replaced
		2005	Fire alarm system replaced
		1993	Roof replaced
		1999	Restroom partitions replaced
		1999	TIMS
		1999	Gymnasium bleachers replaced
		1999	Gymnasium floor replaced
		1999	Exterior doors replaced
		2003	Restroom partitions replaced
		2001	Boys gymnasium lockers replaced
2001	Auditorium seating replaced		
2002	Seven Science classrooms/labs renovated		

<b>No.</b>	<b>High School</b>	<b>Year</b>	<b>Other State Capital Improvements</b>		
17	Dulaney High	1997	Roof replaced		
		1998	TIMS		
		1999	Gymnasium lights updated		
		1999	Fire alarm system replaced		
		2000	Gymnasium bleachers replaced		
		2001	Five Science classrooms/labs renovated		
		2002	Auditorium and stage lighting replaced		
		2004	Exterior doors and frames replaced		
		2004	Boiler replaced		
		2004	Five Science classrooms/labs renovated		
		2004	Exterior lighting upgraded		
		18	Perry Hall High	1998	Auditorium lighting replaced
				1999	Gymnasium floor refinished
1999	Gymnasium lockers replaced				
1999	Gymnasium bleachers replaced				
2000	Elevator upgrades				
2002	Roof replaced				
2002	Twelve Science classrooms/labs renovated				
2005	Three air handling units replaced				
2005	Boilers replaced				
2005	Cooling tower replaced				
19	Randallstown High	1996	Roof replaced		
		1997	Chillers replaced		
		1998	Restrooms renovated		
		2000	Gymnasium floor refinished		
		2001	Gymnasium bleachers replaced		
		2001	Fire alarm system replaced		
		2002	Nine Science classrooms/labs renovated		
		2003	Security communication system upgraded		
		2004	Interior and exterior lighting replaced		
		2004	Boiler replaced		
		20	Eastern Technical High	1989	Roof replaced
				1999	TIMS
1999	Lighting and electrical system upgraded; fire alarm, boilers, hot water tank, and chiller replaced				
1999	Intercom/bell/clock replaced				
1999	Two Science classrooms/labs renovated				
2001	Boys gymnasium lockers replaced				
2001	Gymnasium bleachers and floor replaced				
2001	Stage lighting replaced				
2001	Exterior doors replaced				
2002	Two science rooms renovated				
2004	Ceiling in activity room replaced				
2004	HVAC upgraded; ATC system replaced and renovated				

<b>No.</b>	<b>High School</b>	<b>Year</b>	<b>Other State Capital Improvements</b>
20	Eastern Technical High (Continued)	2004	Two science rooms renovation
21	Western School of Technology-High	1991	Roof in main building replaced
		1995	Roof in science area replaced
		1997	Roof in gymnasium area replaced
		2004	Boiler replaced
		2005	Fire alarm system replaced
22	Loch Raven High	1997	Roof replaced
		1998	Auditorium lighting replaced
		1999	TIMS
		1999	Boiler, chiller, and fuel tank replaced
		2000	Gymnasium floor refinished
		2000	Greenhouse renovated
		2001	Gymnasium bleachers replaced
		2001	Boys gymnasium lockers replaced
		2002	Eight Science classrooms/labs renovated
		2002	Elevator replaced
		2003	Air conditioning renovated
		2005	Restroom partitions replaced
		23	Chesapeake High
1999	Chiller replaced		
2000	Auditorium stage lighting panel replaced		
2001	Gymnasium bleachers and floor replaced		
2004	Open spaced enclosed		
2004	Exterior doors and frames replaced		
2004	Science labs renovated		
2004	Gymnasium lighting replaced		
2005	Fire alarm system replaced		
2005	Exterior doors replaced		
24	Owings Mills High	1999	TIMS
		1999	Roof replaced
		2000	Open space divided into four classrooms
		2001	Four Science classrooms/labs renovated
		2001	Gymnasium bleachers replaced
25	New Town High	2001	Fire alarm system replaced
			None