

# Capital Budget

## Program Overview

The Department of Planning and Construction develops school facilities that meet student population and educational program requirements. The department is responsible for managing planning and construction activities that are coordinated for the purposes of modernizing, renovating and improving educational facilities for the students and staff of HCPS. The department utilizes demographic information, educational specifications, procurement practices, architectural and engineering parameters, and budget data to deliver planning and construction related services in support of High Student Achievement.

Each year the Board of Education, school staff, and community, review and analyze the Capital Improvement Program (CIP) for the Board to establish priorities as it secures future funding. This review includes the status of County and State funding levels from the previous fiscal year, the volume and status of current approved capital projects, an analysis of enrollments and capacities, and a study of population growth within Harford County. In addition, information obtained from system wide building evaluations, a review of project categories, and the infusion of technology into our facilities are considered.

All construction projects are budgeted in the School Construction Fund often referred to as the Capital Budget. School construction is budgeted on a project basis. Projects may be funded over several years and allocations may be carried forward over multiple years until completion. This Fiscal Year 2013 budget represents the new funding requested by the Board of Education and proposed to the County Government for FY 2013.

The Harford County Board of Education lacks taxing authority and remains revenue dependent upon the Harford County and State governments to fund the Capital Budget. State funds are approved by the State's Interagency Committee. The Capital Budget for FY2013 contains State funding and County capital funding for new construction, renovation, expansion, and modernization projects.

The Adopted Capital Budget for Fiscal Year 2013 funds twenty - three projects totaling \$14,911,131. All funding is State revenue, of which \$9,809,000 will be State reimbursement funds. It should be noted that the State increased the Aging Schools Program funding. The increased funding estimated at \$1,106,966, was not included in the Restricted Budget approved on June 25, 2012.

The Capital Improvement Plan is managed by the Department of Planning and Construction and the Office of Operations. Harford County Public Schools has developed a multi-year capital improvement plan and updates the plan annually based on changing enrollments and conditions of schools. The School Construction Fund accounting is handled by the Finance Department in Business Services.

<b>Harford County Public Schools School Construction Fund Capital Projects</b>					
	<b>Actual FY 2009</b>	<b>Actual FY 2010</b>	<b>Actual FY 2011</b>	<b>Actual FY 2012</b>	<b>Budget FY 2013</b>
<b>Revenues :</b>					
Local	\$92,470,793	\$64,798,532	\$30,433,302	\$12,068,710	\$400,000
State	\$11,830,181	\$17,377,596	\$14,750,023	\$15,605,906	\$14,511,610
Federal		\$0		\$0	\$0
Other Revenue	\$569,871	\$2,878,276	\$2,483,620	\$0	\$0
Other Sources	\$4,384,000	\$0		\$708,578	\$0
<b>Total Receipts</b>	<b>\$109,254,845</b>	<b>\$85,054,404</b>	<b>\$47,666,945</b>	<b>\$28,383,194</b>	<b>\$14,911,610</b>
<b>Expenditures</b>	<b>(\$111,524,256)</b>	<b>(\$83,305,397)</b>	<b>(\$47,763,925)</b>	<b>(\$26,758,294)</b>	<b>(\$14,911,610)</b>
<b>Revenues over/ (under) Expenditures</b>	<b>(\$2,269,411)</b>	<b>\$1,749,007</b>	<b>(\$96,980)</b>	<b>\$1,624,900</b>	<b>\$0</b>
<b>Capital Projects Beginning Fund Balance</b>	<b>\$8,071,754</b>	<b>\$5,802,343</b>	<b>\$7,551,350</b>	<b>\$7,454,370</b>	<b>\$0</b>
<b>Capital Projects Ending Fund Balance</b>	<b>\$5,802,343</b>	<b>\$7,551,350</b>	<b>\$7,454,370</b>	<b>\$9,079,270</b>	<b>\$0</b>

# Capital Budget

School construction is accounted for by project where revenues are recognized at the same time as related expenditures. Under the budgetary basis of accounting, this normally results in a fund balance of zero at the end of each period.

Capital projects funds are used to account for financial resources to be used for the acquisition, construction, or improvements to major capital facilities. A capital expenditure is the amount used during a particular period to acquire or improve long-term assets such as property, plant, or equipment. Some capital expenditures are determined by the way the County government decides how they are going to budget for the expenditure (i.e. Textbook/ Supplemental Materials Refresh in the Capital Projects Fund instead of the Unrestricted Budget as an operating expense).

## **Capital Improvement Impact on the Operating Budget**

As school enrollment increases or school improvement plans change, more teachers are added to the growing needs and operating expenses are increased to provide the school with a per pupil allocation of funding.

When the School Construction Fund pays for the building or expansion of a school, there is an impact on the Operating Budget. The staff expansion needs are determined by the Executive Directors of Elementary and Secondary Education while the building maintenance needs are determined by the Director of Facilities and the Assistant Superintendent of Operations.

As the CIP is implemented and facilities are expanded, the Board of Education will determine staffing additions based on:

- Enrollment Projections;
- State Rated Capacities and Percentages of Utilization; and,
- Availability of operating funds.

While some of the capital improvements involve maintenance of facilities, which should help keep operational costs down, building expansions often involve shifting students from portable classrooms to permanent instructional facilities. This often minimizes the effect on the operating budget since the instructional support is already in place. Traditionally, when a new school opens, the Board of Education has provided supplemental budget allocations for the purchase of textbooks, library materials, and other related instructional items. The custodial staffing allocations are generally determined by square footage and special needs.

Each year, a review of the operating impact of new construction or renovations is undertaken and funds are requested during the budget development process. The County Government determines the projects to be included in the capital program by their funding of the projects. Projects include new building construction, renovations, moderations, additions, roof repairs, HVAC repairs, textbooks, technology, and various other equipment or improvements.

# Capital Budget

## Estimated Operating Budget Impact – Future Years

The following chart lists the projects which have future estimated operating impacts:

<b>HARFORD COUNTY PUBLIC SCHOOLS ESTIMATED OPERATING BUDGET IMPACT - FUTURE YEARS</b>	
<b>Equipment, Improvements, Maintenance and Other Projects:</b>	
Playground Equipment	Will reduce future maintenance costs.
Replacement Buses	Will reduce maintenance costs as older buses are replaced.
Security Cameras	Will increase cost of surveillance company contracted services.
Technology Education Lab Refresh	Replacement of older equipment delayed which may increase maintenance costs.
Technology Infrastructure	Replacement of older equipment will reduce future maintenance costs.

There are no significant non-routine capital expenditures in the capital budget. Projects are planned, reviewed, and approved by the Board of Education in advance of State and County funding approvals.

### Other items in this section include the following:

Capital Improvements Process for Fiscal Year 2013

- Represents the planning process of the HCPS Capital Improvements Plan.

Capital Improvement Program – Fiscal Year 2013 for HCPS

- Represents the current Fiscal Year Capital Projects for HCPS based on proposed State of Maryland and Harford County Government funding.

Capital Project Pages are included with the proposed funding from State and County sources.

- Represents the individual capital project sheets for 36 projects.

Harford County Public Schools Completed Capital Projects

- Represents the Capital Projects completed since 1990.

**BOARD OF EDUCATION OF HARFORD COUNTY  
APPROVED CAPITAL IMPROVEMENT PROGRAM BUDGET  
FISCAL YEAR 2013**

	HCPS PRIORITY	STATE APPROVED	LOCAL APPROVED	STATE REIMBURSED FUNDING*	TOTAL CAPITAL FUNDING REQUEST
Red Pump Elementary School (1)	0	\$9,809,000	\$0	-\$9,570,000	\$239,000
Magnolia Middle School HVAC (2)	1	\$2,646,000	\$0	\$965,300	\$3,611,300
North Harford Elementary School HVAC (2)	2	\$1,226,610	\$0	\$1,050,390	\$2,277,000
Havre de Grace High School Roof (3)	3	\$830,000	\$0	\$556,000	\$1,386,000
Stadium Improvement Upgrades	4	\$0	\$0		\$0
ADA Improvements and Survey	N/A	\$0	\$0	\$50,000	\$50,000
Athletic Fields Repair & Restoration	N/A	\$0	\$0	\$70,000	\$70,000
Backflow Prevention	N/A	\$0	\$0	\$50,000	\$50,000
Band Uniform Refresh	N/A	\$0	\$0	\$10,000	\$10,000
Bleacher Replacement	N/A	\$0	\$0	\$0	\$0
Building Envelope Improvements (4)	N/A	\$0	\$0	\$100,000	\$100,000
Career & Tech. Ed. Equipment	N/A	\$0	\$0	\$50,000	\$50,000
Energy Conservation Measures	N/A	\$0	\$0	\$0	\$0
Environmental Compliance (5)	N/A	\$0	\$0	\$100,000	\$100,000
Equipment & Furniture Replacement	N/A	\$0	\$0	\$0	\$0
Fire Alarm & ER Communications	N/A	\$0	\$0	\$0	\$0
Floor Covering Replacement	N/A	\$0	\$0	\$0	\$0
Locker Replacement	N/A	\$0	\$0	\$0	\$0
Major HVAC Repairs	N/A	\$0	\$0	\$0	\$0
Music Equipment Refresh	N/A	\$0	\$0	\$50,000	\$50,000
Music Technology Labs	N/A	\$0	\$0	\$0	\$0
Outdoor Track Reconditioning	N/A	\$0	\$0	\$25,000	\$25,000
Paving - New Parking Areas	N/A	\$0	\$0	\$0	\$0
Paving - Overlay and Maintenance	N/A	\$0	\$0	\$0	\$0
Playground Equipment	N/A	\$0	\$0	\$150,000	\$150,000
Relocatable Classrooms	N/A	\$0	\$400,000	\$0	\$400,000
Replacement Buses (6)	N/A	\$0	\$0	\$288,000	\$288,000
Replacement Vehicles	N/A	\$0	\$0	\$0	\$0
Security Cameras	N/A	\$0	\$0	\$150,000	\$150,000
Septic Facility Code Upgrades (7)	N/A	\$0	\$0	\$485,179	\$485,179
Special Ed. Facility Improvements	N/A	\$0	\$0	\$100,000	\$100,000
Storm Water Management	N/A	\$0	\$0	\$400,000	\$400,000
Swimming Pool Renovations	N/A	\$0	\$0	\$0	\$0
Technology Education Lab Refresh	N/A	\$0	\$0	\$150,000	\$150,000
Technology Infrastructure	N/A	\$0	\$0	\$3,498,487	\$3,498,487
Textbook/Supplemental Refresh	N/A	\$0	\$0	\$1,271,644	\$1,271,644
<b>Total</b>		<b>\$14,511,610</b>	<b>\$400,000</b>	<b>\$0</b>	<b>\$14,911,610</b>

**NOTES:**

- |   |   |
|---|---|
| 1 - State Reimbursement - \$239,000 will not be allocated         | 5 - \$10,000 for North Harford High School wetlands effluent discharge    |
| 2 - HVAC Systemic (State funding and reimbursement funding)       | 6 - Three (3) new buses   |
| 3 - Havre de Grace HS roof replacement project for FY13 only      | 7 - Funds will be used to relocate the Red Pump ES pre-treatment facility |
| 4 - Funds designated for Southampton MS exterior doors & hardware |   |

\* State reimbursement of \$9,570,000 has been reallocated.

Revised by Budget Office 6/14/2012

TYPE OF PROJECT  
PROJECT NUMBER B064124

PRIORITY: 0 of 10

PROJECT: RED PUMP ROAD ELEMENTARY SCHOOL  
DISTRICT: Bel Air, MD

Project Description / Justification: This new building consists of a 100,573 square foot elementary school with 22 regular, 5 kindergarten, 2 pre-kindergarten and 2 regional classroom support program classrooms. The need for this new school is based on the current overcapacity at schools to the north and east of Bel Air from past development growth and birth rate demographics. This will increase the overall elementary school State rated capacity an additional 696. The school design is a prototype building to be reused in a variety of configurations anticipating future elementary growth related to demographics as well as BRAC development. The design is modeled as a sustainable building to achieve maximum energy savings, although LEED certification was not sought. Off site sewer design services in progress and currently in the construction documentation phase. Harford County Water & Sewer Department has indicated that Public Sewer Pumping Station will be ready for connection in the summer of 2012.

Project Schedule: The project has received Use & Occupancy from the County.  
Occupancy - August 2011

Project Status: Construction phase - 100% complete

Financial Activity: Expended Encumbered Total  
Date \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost						
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022				
Engineering/Design	1,617,017		1,617,017						1,617,017									1,617,017
Land Acquisition			0															0
Construction	28,364,428		28,364,428						28,364,428									28,364,428
Inspection Fees Equip. / Furn.	2,549,709		2,549,709						2,549,709									2,549,709
<b>Total Cost</b>	<b>32,531,154</b>	<b>0</b>	<b>32,531,154</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32,531,154</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32,531,154</b>

**FUNDING SCHEDULE**

State		9,809,000	9,809,000															9,809,000
Local	30,075,819		30,075,819						30,075,819									30,075,819
Other:			0						0									0
Harford Cty P & R	121,606		121,606						121,606									121,606
Harford Cty BOE	3,333,729	(9,809,000)	(6,475,271)						(6,475,271)									(6,475,271)
HCPS 2011 transfer	(1,000,000)		(1,000,000)						(1,000,000)									(1,000,000)
<b>Total Funds</b>	<b>32,531,154</b>	<b>0</b>	<b>32,531,154</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32,531,154</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32,531,154</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
Annual Operating/Maintenance Cost:  
New Positions (FTEs):

\$ -

PROJECT MANAGER: Chuck Grebe

**PROJECT:** **MAGNOLIA MIDDLE SCHOOL COMPREHENSIVE HVAC SYSTEMIC PROJECT** TYPE OF PROJECT  
**DISTRICT:** Joppla, MD PRIORITY: 1 of 4 PROJECT NUMBER NEW

**Project Description / Justification:** The age of the HVAC equipment and systems in this facility is 32 years old with the exception of the cooling tower and HVAC controller. There is numerous equipment inefficiencies, indoor air quality concerns and equipment noise issues that can be proactively addressed by performing a major comprehensive HVAC systemic project. This proposed project replacement/upgrade includes new boilers, chiller, related pumps and associated equipment and DDC controls in the central plant and the rest of the building. New energy recovery type air handling units, including replacement of classroom unit ventilators with ducted air system with VAV units. Although the cooling tower was replaced 10 years ago, we are expanding the cooling of the school in the gymnasium, locker rooms, multi-activity room, adjoining spaces and swimming pool for dehumidification approximately 35,000 square feet. Therefore, it may be more cost effective to replace the unit rather than modify it. We have included the cost to replace the cooling tower with a larger unit. The project will need to be phased over two summers and part of the school year and will require 4 portable classrooms for phasing purposes. This school is not designated as an emergency shelter, therefore a generator service connection is not included in the electrical service upgrade. This school was originally designed as an open classroom building with sprinkler coverage. Walls have been erected over the years to isolate the spaces without the required sprinkler modifications to provide adequate coverage. This will result in the sprinkler system as well as fire alarm modifications to meet current codes. The electrical system is very old and parts are impossible to locate. This project will include electrical service upgrades to allow for better electrical data as well as better sub metering capabilities.

**Project Schedule:** Start design - July 2012; Complete design - February 2013; Bid contract - March 2013; Award contract - May 2013. Based on this tentative schedule the anticipated completion and occupancy is August 2014.

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost			
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022	
Engineering/Design		700,000	700,000						700,000						700,000
Land Acquisition			0						0						0
Construction		4,200,000	4,200,000	4,900,000					9,100,000						9,100,000
Inspection Fees			0						0						0
Equip. / Furrn.			0						0						0
<b>Total Cost</b>	<b>0</b>	<b>4,900,000</b>	<b>4,900,000</b>	<b>4,900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,800,000</b>

**FUNDING SCHEDULE**

State		2,646,000	2,646,000	3,087,000					5,733,000						5,733,000
Local			0	1,813,000					1,813,000						1,813,000
Other:			0						0						0
Harford Cty P & R			0						0						0
Harford Cty BOE		1,288,700	1,288,700						1,288,700						1,288,700
State Reimburse		965,300	965,300						965,300						965,300
<b>Total Funds</b>	<b>0</b>	<b>4,900,000</b>	<b>4,900,000</b>	<b>4,900,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,800,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTEs):

PROJECT MANAGER: Mohan Kohli

PROJECT: **NORTH HARFORD ELEMENTARY SCHOOL COMPREHENSIVE HVAC SYSTEMIC PROJECT** TYPE OF PROJECT: NEW  
 DISTRICT: Pylesville, MD LOCATION: PRIORITY: 2 of 4 PROJECT NUMBER: 4

**Project Description** This single story building originally constructed in 1984 consisting of 48,275 SF and the 1999 addition of 1,428, which is not included in this project. The HVAC system is original to the building and at the end of its anticipated life. The building is served primarily by unit ventilators in the classrooms and media center, the gymnasium and cafeteria is served by air handling units. The building experiences high humidity levels in the cooling season requiring the use of portable dehumidification units in most if not all classrooms. Building pressurization problems exist since there is no functional interlock between the building exhaust system and the unit ventilators that are introducing outside air into the building. The school also has antiquated pneumatic temperature controls with limited control and requires constant repair and maintenance.

It is recommended that a comprehensive HVAC systemic renovation be performed, consisting of a four- pipe HVAC system with VAVs or ducted fan coil system for the classrooms as well as new air handling units serving the bigger spaces such as the cafeteria, gymnasium and media center, with an energy recovery type dedicated outside air system for improved indoor air quality and humidity control. Building temperature controls should be upgraded with DDC type, alongside more efficient boilers and pumps in the mechanical room. The existing chiller is approximately 10 years old and will be reused as part of this project.

**Project Schedule:** The project will need to be phased over two summers and part of the school year and will require 4 portable classrooms for phasing purposes. Start design - July 2012; Complete design - February 2013; Bid contract - March 2013; Award contract - May 2013. Based on this tentative schedule the anticipated completion and occupancy is August 2014.

**Project Status:** N/A

**Financial Activity:** Expended Encumbered Total  
 Date \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost						
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022				
Engineering/Design		330,000	330,000							330,000								330,000
Land Acquisition			0															0
Construction		1,947,000	1,947,000	2,277,000						4,224,000								4,224,000
Inspection Fees			0															0
Equip. / Furn.			0															0
<b>Total Cost</b>	<b>0</b>	<b>2,277,000</b>	<b>2,277,000</b>	<b>2,277,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,554,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,554,000</b>

**FUNDING SCHEDULE**

State		1,226,610	1,226,610	1,434,510															2,661,120
Local			0	842,490															842,490
Other:			0																0
Harford Cty P & R			0																0
Harford Cty BOE			0																0
State Reimburse		1,050,390	1,050,390																1,050,390
<b>Total Funds</b>	<b>0</b>	<b>2,277,000</b>	<b>2,277,000</b>	<b>2,277,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,554,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,554,000</b>	

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTEs):

**PROJECT MANAGER:** Mohan Kohli

**PROJECT:** ROOF REPLACEMENT - HAVRE DE GRACE HIGH SCHOOL      TYPE OF PROJECT: NEW  
**DISTRICT:** Havre de Grace, MD      PRIORITY: 3      of      4      PROJECT NUMBER: NEW

**Project Description / Justification:** The periodic replacement of roof systems is necessary to prevent damage to the interior of the building and to prevent indoor air quality issues. Havre de Grace High School is scheduled for a roof replacement in FY 2013. Projects are submitted for funding consideration through the State Systemic Renovation program. Future roof replacements are scheduled for consideration as follows:

- George D. Lisby Elementary School - FY2014      North Harford Elementary School - FY 2017      Hickory Elementary - FY2020
- Churchville Elementary School - FY2015      Aberdeen Middle School - FY 2018      Havre de Grace Elementary - FY2021
- Joppatowne High School - FY2016

**Project Schedule:** Design start- July 2012, Design Complete - November 2012, Bid -February 2013, Award Contract - May 2013, Construction Start -June 2013, Construction Completion - August 2013

**Project Status:** N/A      **Financial Activity:**      Expended      Encumbered      Total  
 Date      \$      \$      \$      \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost						
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022				
Engineering/Design		69,300	69,300	42,221	39,270	92,847	38,017	78,750	360,405									360,405
Land Acquisition			0						0									0
Construction		1,316,700	1,316,700	844,425	785,400	1,856,941	760,331	1,575,000	7,138,797									7,138,797
Inspection Fees			0						0									0
Equip. / Furn.			0						0									0
<b>Total Cost</b>	<b>0</b>	<b>1,386,000</b>	<b>1,386,000</b>	<b>886,646</b>	<b>824,670</b>	<b>1,949,788</b>	<b>798,348</b>	<b>1,653,750</b>	<b>7,499,202</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,499,202</b>

**FUNDING SCHEDULE**

State		830,000	830,000	531,988	494,802	1,169,872	479,009	992,250	4,497,921									4,497,921
Local			0	354,658	329,868	779,916	319,339	661,500	2,445,281									2,445,281
Other:			0						0									0
Harford Cty P & R			0						0									0
Harford Cty BOE			0						0									0
State Reimburse		556,000	556,000						556,000									556,000
<b>Total Funds</b>	<b>0</b>	<b>1,386,000</b>	<b>1,386,000</b>	<b>886,646</b>	<b>824,670</b>	<b>1,949,788</b>	<b>798,348</b>	<b>1,653,750</b>	<b>7,499,202</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,499,202</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost: [REDACTED]  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

**PROJECT MANAGER:** Chuck Grebe



PROJECT: **STADIUM IMPROVEMENT UPGRADES** TYPE OF PROJECT: **NEW**  
 DISTRICT: **Various** LOCATION: **4** of **4** PROJECT NUMBER: **NEW**

Project Description / Justification: **This project consists of stadium track restoration.** PRIORITY: **4**

Project Schedule: **N/A**

Project Status: **N/A**

Financial Activity: Expended \$ **0** Encumbered \$ **0** Total \$ **0**

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost		
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022
Engineering/Design			0							0				0
Land Acquisition			0							0				0
Construction		0	0							0				0
Inspection Fees			0							0				0
Equip. / Furn.			0							0				0
<b>Total Cost</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**FUNDING SCHEDULE**

State																									
Local																									
Other:																									
Harford Cty BOE																									
Harford Cty transfer																									
State Reimburse		0	0																						
<b>Total Funds</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

**PROJECT MANAGER: Chuck Grebe**

**PROJECT:** ADA IMPROVEMENTS TYPE OF PROJECT  
**DISTRICT:** LOCATION: Various PROJECT NUMBER B064143  
 PRIORITY: \_\_\_\_\_ of \_\_\_\_\_

Project Description  
 / Justification:

This project provides for building and grounds improvements to bring schools into compliance with current Americans with Disabilities Act Accessibility guidelines, and the Maryland Accessibility Code. Please note the following scheduled projects:

- FY13 - Aberdeen Middle - Restrooms and Fountains
- FY14 - Riverside Elementary - Restrooms and Fountains
- FY15 - Center for Educational Opportunity - Restrooms & Fountains
- FY16 - Southampton Middle - Restrooms and Fountains
- FY17 - Edgewood Middle School - Restrooms and Fountains
- FY18 - North Harford Middle School - Restrooms & Fountains

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$ \$0

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost			
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022	
Engineering/Design			0							0					0
Land Acquisition			0							0					0
Construction	450,000	50,000	500,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000					1,000,000
Inspection Fees			0							0					0
Equip. / Furn.			0							0					0
<b>Total Cost</b>	<b>450,000</b>	<b>50,000</b>	<b>500,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

**FUNDING SCHEDULE**

State			0												0
Local	250,000		250,000	100,000	100,000	100,000	100,000	100,000	100,000	750,000					750,000
Other:			0							0					0
Harford Cty P & R			0							0					0
Harford Cty BOE	200,000		200,000							200,000					200,000
State Reimburse		50,000	50,000							50,000					50,000
<b>Total Funds</b>	<b>450,000</b>	<b>50,000</b>	<b>500,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTEs):

PROJECT MANAGER: Richard Hanzevack

PROJECT: **ATHLETIC FIELDS REPAIR AND RESTORATION**  
 DISTRICT: Various LOCATION: \_\_\_\_\_ of \_\_\_\_\_ PROJECT NUMBER: B034113

PRIORITY: \_\_\_\_\_

Project Description / Justification:

This project provides funds of \$5,000 for each existing high school athletic fields. There are a total of ten (10) high schools. In addition, this account also provides funds of \$20,000 for one high school a year to restore its stadium fields which includes practice and/or stadium fields. The funds are important for the routine maintenance of the sod, which has a five (5) year life cycle.

The following school fields will be restored in the associated budget years:

- Patterson Mill High School - FY13
- Joppatowne High School - FY14
- Aberdeen High School - FY15
- Fallston High School - FY16
- High School Practice Fields - FY17
- Middle School Practice Fields - FY18

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost			
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022	
Engineering/Design			0							0					0
Land Acquisition			0							0					0
Construction	347,000	70,000	417,000	70,000	70,000	70,000	70,000	70,000	70,000	767,000					767,000
Inspection Fees			0							0					0
Equip. / Furrn.			0							0					0
<b>Total Cost</b>	<b>347,000</b>	<b>70,000</b>	<b>417,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>767,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>767,000</b>

**FUNDING SCHEDULE**

State			0							0						0
Local	207,000		207,000	70,000	70,000	70,000	70,000	70,000	70,000	557,000						557,000
Other:			0							0						0
Harford Cty P & R			0							0						0
Harford Cty BOE	140,000		140,000							140,000						140,000
State Reimburse		70,000	70,000							70,000						70,000
<b>Total Funds</b>	<b>347,000</b>	<b>70,000</b>	<b>417,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>70,000</b>	<b>767,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>767,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost: \_\_\_\_\_  
 Annual Operating/Maintenance Cost: \_\_\_\_\_  
 New Positions (FTE's): \_\_\_\_\_

PROJECT MANAGER: Ken Zorbach

PROJECT: **BACKFLOW PREVENTION** TYPE OF PROJECT  
 DISTRICT: LOCATION: Various of PROJECT NUMBER B054111

Project Description / Justification: Design services to inventory all schools to determine the existing backflow prevention on water systems within the school. The FY13 funds will be used to at George D. Lisby @ Hillsdale ES for the domestic and fire suppression systems and at Halls Cross Road ES for one (1) domestic water systems requiring backflow valves.

The following schools are designated for backflow upgrades in future years as shown:

- FY14 - Havre de Grace ES, Fallston HS, Fallston MS - Domestic & Fire suspension water.
- FY15 - Royle Williams ES, William Paca ES/Old Post ES - Domestic water or
- FY16 - Harford Tech. HS & North Harford ES - Domestic water and chilled water.
- FY17 - Jarrettsville ES - Domestic water & fire suppression
- FY18 - Churchville ES & Forest Hill ES - Domestic water

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Sub-total	Master Plan			Total Project Cost	
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	FY 2020	FY 2021		FY 2022
Engineering/Design			0						0					0
Land Acquisition			0						0					0
Construction	550,000	50,000	600,000	100,000	100,000	100,000	100,000	100,000	1,100,000					1,100,000
Inspection Fees			0						0					0
Equip. / Furn.			0						0					0
<b>Total Cost</b>	<b>550,000</b>	<b>50,000</b>	<b>600,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>1,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100,000</b>

**FUNDING SCHEDULE**

State			0												0
Local	350,000		350,000	100,000	100,000	100,000	100,000	100,000	850,000						850,000
Other:			0						0						0
Harford Cty P & R			0						0						0
Harford Cty BOE	200,000		200,000						200,000						200,000
State Reburse		50,000	50,000						50,000						50,000
<b>Total Funds</b>	<b>550,000</b>	<b>50,000</b>	<b>600,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>1,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,100,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

PROJECT MANAGER: Jeff Tyler

PROJECT: **BAND UNIFORM REFRESH** TYPE OF PROJECT: NEW  
 DISTRICT: LOCATION: Various of PROJECT NUMBER: NEW  
 PRIORITY:

Project Description / Justification: Band uniforms have a use expectancy of about ten years.

Future band uniform refreshment projects will be scheduled as follows:

- FY 2014 - Havre de Grace High School
- FY 2015 - Joppatowne High School
- FY 2016 - Aberdeen High School
- FY 2017 - Harford Technical High School
- FY 2018 - Bel Air High School

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Sub-total	Master Plan			Total Project Cost
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	FY 2020	FY 2021	
Engineering/Design	0		0						0				0
Land Acquisition	0		0						0				0
Construction	0		0						0				0
Inspection Fees	0		0						0				0
Equip. / Furn.	60,340	10,000	70,340	60,000	60,000	60,000	60,000	60,000	370,340	0	0	0	370,340
<b>Total Cost</b>	<b>60,340</b>	<b>10,000</b>	<b>70,340</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>370,340</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>370,340</b>

**FUNDING SCHEDULE**

	Prior	FY 2013	Appro.	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020	FY 2021	FY 2022	Total Project Cost
State			0						0					0
Local			0	60,000	60,000	60,000	60,000	60,000	300,000					300,000
Other:			0						0					0
Harford Cty P & R			0						0					0
Harford Cty BOE	60,340		60,340						60,340					60,340
State Reimburse		10,000	10,000						10,000					10,000
<b>Total Funds</b>	<b>60,340</b>	<b>10,000</b>	<b>70,340</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>370,340</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>370,340</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

PROJECT MANAGER: James E. Boord

PROJECT: **BLEACHER REPLACEMENT** TYPE OF PROJECT  
 DISTRICT: LOCATION: Various of PROJECT NUMBER

Project Description / Justification: This project provides funding for the removal and replacement of interior bleachers.

- Future bleacher replacement projects will be as follows:  
 FY 2014 - North Harford Middle School  
 FY 2015 - Harford Technical High School (small gym)  
 FY 2016 - Magnolia Middle School  
 FY 2017 - C. Milton Wright High School  
 FY 2018 - CEO building

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Sub-total	Master Plan			Total Project Cost	
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	FY 2020	FY 2021		FY 2022
Engineering/Design			0						0					0
Land Acquisition			0						0					0
Construction	500,000		500,000						500,000					500,000
Inspection Fees			0						0					0
Equip. / Furn.			0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	0	0	0	500,000
<b>Total Cost</b>	<b>500,000</b>	<b>0</b>	<b>500,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

**FUNDING SCHEDULE**

	Prior	FY 2013	Appro. Total	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020	FY 2021	FY 2022	Total Project Cost
State			0						0					0
Local			0	100,000	100,000	100,000	100,000	100,000	500,000					500,000
Other:			0						0					0
Harford Cty P & R			0						0					0
Harford Cty BOE	500,000		500,000						500,000					500,000
<b>Total Funds</b>	<b>500,000</b>	<b>0</b>	<b>500,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTEs):

PROJECT MANAGER: Richard Hanzevack

PROJECT: **BUILDING ENVELOPE IMPROVEMENTS** TYPE OF PROJECT  
 DISTRICT: LOCATION: Various of PROJECT NUMBER  
 PRIORITY:

**Project Description**  
 / Justification: This project addresses aging schools outside the modernization schedule requiring window, door, masonry or siding renewal. Improvements will provide enhanced security, energy conservation and weatherproofing. Fiscal year 2013 funds will be used for Southampton Middle School - exterior doors and hardware.

- Future building envelope improvements are scheduled as follows:  
 FY 2014 - Aberdeen Middle School - Doors and hardware (exterior)  
 FY 2015 - Aberdeen Middle School - Masonry Point Up  
 FY 2016 - Havre de Grace Middle School - Exterior doors and hardware  
 FY 2017 - Southampton Middle School - Masonry pointing project  
 FY 2018 - Riverside Elementary School

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost			
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022	
Engineering/Design			0							0					0
Land Acquisition			0							0					0
Construction	400,000	100,000	500,000	200,000	200,000	200,000	200,000	200,000	200,000	1,500,000					1,500,000
Inspection Fees			0							0					0
Equip. / Furn.			0							0					0
<b>Total Cost</b>	<b>400,000</b>	<b>100,000</b>	<b>500,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>

**FUNDING SCHEDULE**

State			0							0					0
Local			0	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000					1,000,000
Other:			0							0					0
Harford Cty P & R			0							0					0
Harford Cty BOE	400,000		400,000							400,000					400,000
State Reimburse		100,000	100,000							100,000					100,000
<b>Total Funds</b>	<b>400,000</b>	<b>100,000</b>	<b>500,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

PROJECT MANAGER: Richard Hanzevack

**PROJECT: CAREER AND TECHNOLOGY EDUCATION EQUIPMENT REFRESH**

TYPE OF PROJECT  
PROJECT NUMBER B064130

LOCATION: Various PRIORITY: of

**Project Description / Justification:** This project provides funds to upgrade equipment in 31 MSDE-approved high school Career and Technology Education (CTE) programs to meet industry standards. Funds were approved by the Board of Education in 2004 to be renewed annually in the Capital Budget to replace the former State Categorical Grant set-aside money for CTE. Equipment upgrades include: computers, printers and scanners for Business Education programs; ovens, washer/dryers, refrigerators, freezers and computers for Family and Consumer Sciences programs; and machinery, such as headlamp aligning system, vet imagining system, digital printing press, or skid tractor used in CTE programs at Harford Technical High School. As CTE programs are added or expanded, more equipment will be needed to maintain industry standards and postsecondary articulation agreements.

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
Date \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost			
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022	
Engineering/Design			0							0					0
Land Acquisition			0							0					0
Construction			0							0					0
Inspection Fees			0							0					0
Equip. / Furn.	700,000	50,000	750,000	100,000	100,000	100,000	100,000	100,000	100,000	1,250,000					1,250,000
<b>Total Cost</b>	<b>700,000</b>	<b>50,000</b>	<b>750,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>1,250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,250,000</b>

**FUNDING SCHEDULE**

State			0							0					0
Local	400,000		400,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000					900,000
Other:			0							0					0
Harford Cty P & R			0							0					0
Harford Cty BOE	300,000		300,000							300,000					300,000
State Reimburse		50,000	50,000							50,000					50,000
<b>Total Funds</b>	<b>700,000</b>	<b>50,000</b>	<b>750,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>1,250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,250,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
Annual Operating/Maintenance Cost:  
New Positions (FTE's):

PROJECT MANAGER: Susan Garrett



**PROJECT:** ENERGY CONSERVATION MEASURES  
**DISTRICT:** Various LOCATION: Various PRIORITY: of TYPE OF PROJECT PROJECT NUMBER

**Project Description / Justification:** Energy conservation funds are used to replace, retrofit and install energy reducing equipment and support other related energy reducing measures within the school system. Types of expenditures included are occupancy sensors for lighting and lighting upgrades to provide efficient lighting. Primary focus will be given to replacing the ballasts and lamps in the T12 fixtures in our facilities.

The lighting fixture replacement projects are scheduled as follows:  
 FY14 - Edgewood Middle School, Harford Technical High, Fountain Green Elementary School and Center for Educational Opportunity  
 FY15 - North Bend Elementary School, John Archer School and Abingdon Elementary School  
 FY16 - To Be Determined  
 FY17 - To Be Determined  
 FY18 - To Be Determined

**Project Schedule:** N/A

**Project Status:** N/A

**Financial Activity:** Expended Encumbered Total  
 Date \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Sub-total	Master Plan			Total Project Cost		
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	FY 2020	FY 2021		FY 2022	
Engineering/Design			0												0
Land Acquisition			0												0
Construction	500,000		500,000	250,000	250,000	250,000	250,000	250,000	250,000						1,750,000
Inspection Fees			0												0
Equip. / Furn.			0												0
<b>Total Cost</b>	<b>500,000</b>	<b>0</b>	<b>500,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,750,000</b>

**FUNDING SCHEDULE**

	State	Local	Other:	Harford Cty P & R	Harford Cty BOE	Total Funds
State	0					0
Local		250,000				250,000
Other:						
Harford Cty P & R						
Harford Cty BOE					500,000	500,000
<b>Total Funds</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>750,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

**PROJECT MANAGER:** Andrew Cassilly

PROJECT: ENVIRONMENTAL COMPLIANCE TYPE OF PROJECT  
 DISTRICT: LOCATION: Various of PROJECT NUMBER B974118  
 PRIORITY:

Project Description / Justification: Environmental regulations demand compliance in a number of areas - indoor air quality, waste management, fuel tank replacement, water quality control, radon testing, asbestos removal and other similar matters. Asbestos abatement will occur based on current conditions at the time and available funding.

- FY13 - Homestead Elementary School - Underground Storage Tank (UST) Removal
- FY14 - Edgewood Middle School crawl space and wall covering Asbestos Containing Material (ACM) removal & Wakefield Elementary School UST Removal
- FY15 - Joppatowne High boiler room & Hall's Cross Road crawl space ACM removal
- FY16 - Roye Williams Elementary - UST removal;
- FY17 - George D. Lisby @ Hillsdale tile and Youth's Benefit acoustic plaster ACM removal
- FY18 - Jarrettsville Elementary School - UST removal

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Sub-total	Master Plan			Total Project Cost	
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	FY 2020	FY 2021		FY 2022
Engineering/Design			0						0					0
Land Acquisition			0						0					0
Construction	2,841,263	100,000	2,941,263	100,000	100,000	100,000	100,000	100,000	3,441,263					3,441,263
Inspection Fees			0						0					0
Equip. / Furn.			0						0					0
<b>Total Cost</b>	<b>2,841,263</b>	<b>100,000</b>	<b>2,941,263</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>3,441,263</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,441,263</b>

**FUNDING SCHEDULE**

State			0											0
Local	2,541,263		2,541,263	100,000	100,000	100,000	100,000	100,000	3,041,263					3,041,263
Other:			0						0					0
Harford Cty P & R			0						0					0
Harford Cty BOE	300,000		300,000						300,000					300,000
State Reimburse		100,000	100,000						100,000					100,000
<b>Total Funds</b>	<b>2,841,263</b>	<b>100,000</b>	<b>2,941,263</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>3,441,263</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,441,263</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTEs):

PROJECT MANAGER: Keith Jewell

PROJECT: **EQUIPMENT AND FURNITURE REPLACEMENT** TYPE OF PROJECT  
 DISTRICT: LOCATION: Various of PROJECT NUMBER B004113

Project Description / Justification: Annual increases in student enrollment are requiring the purchase of age appropriate furniture, particularly for secondary schools. Existing schools have replacement needs as furniture and equipment reach the end of their life cycle.

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$0

**EXPENDITURE SCHEDULE**

Cost Elements Engineering/Design Land Acquisition Construction Inspection Fees Equip. / Furn. Total Cost	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost		
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022
			0											0
			0											0
	1,555,000		1,555,000	100,000	100,000	100,000	100,000	100,000	100,000	2,055,000				2,055,000
			0											0
	1,555,000	0	1,555,000	100,000	100,000	100,000	100,000	100,000	100,000	2,055,000	0	0	0	2,055,000

**FUNDING SCHEDULE**

State			0											0
Local	1,355,000		1,355,000	100,000	100,000	100,000	100,000	100,000	100,000	1,855,000				1,855,000
Other:			0											0
Harford Cty P & R			0											0
Harford Cty BOE	200,000		200,000							200,000				200,000
			0											0
Total Funds	1,555,000	0	1,555,000	100,000	100,000	100,000	100,000	100,000	100,000	2,055,000	0	0	0	2,055,000

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTEs):

PROJECT MANAGER: Cornell S. Brown

PROJECT: FIRE ALARM & ER COMMUNICATIONS  
 DISTRICT: LOCATION: Various PRIORITY: of PROJECT NUMBER: B004112

Project Description / Justification: Funds are utilized for the repair or replacement of obsolete fire alarm and emergency communication systems. The FY 2013 funds will be used for C. Milton Wright High School & Royce Williams Elementary School.

The following projects are scheduled for future years:

- FY14 - Church Creek & Darlington Elementary Schools
- FY15 - Bel Air Middle School, Fountain Green and Havre de Grace Elementary Schools
- FY16 - Joppatowne High & Magnolia Middle Schools
- FY17 - William Paca / Old Post Elementary School
- FY18 - George D. Lisby Elementary School

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$0

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost		
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022
Engineering/Design			0							0				0
Land Acquisition			0							0				0
Construction	1,125,000		1,125,000	75,000	225,000	300,000	75,000	75,000	1,875,000					1,875,000
Inspection Fees			0						0					0
Equip. / Furn.			0						0					0
<b>Total Cost</b>	<b>1,125,000</b>	<b>0</b>	<b>1,125,000</b>	<b>75,000</b>	<b>225,000</b>	<b>300,000</b>	<b>75,000</b>	<b>75,000</b>	<b>1,875,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,875,000</b>

**FUNDING SCHEDULE**

	State	Local	Other:	Harford Cty P & R	Harford Cty BOE	State Reimburse	Total Funds	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020	FY 2021	FY 2022	Total Project Cost
State							0						0					0
Local		900,000					900,000	75,000	225,000	300,000	75,000	75,000	1,650,000					1,650,000
Other:							0						0					0
Harford Cty P & R							0						0					0
Harford Cty BOE							225,000						225,000					225,000
State Reimburse							0						0					0
<b>Total Funds</b>		<b>900,000</b>					<b>1,125,000</b>	<b>75,000</b>	<b>225,000</b>	<b>300,000</b>	<b>75,000</b>	<b>75,000</b>	<b>1,875,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,875,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTEs):

PROJECT MANAGER: Barry Pickelsimer

PROJECT: **FLOOR COVERING REPLACEMENT** TYPE OF PROJECT  
 DISTRICT: LOCATION: Various PRIORITY: of PROJECT NUMBER

Project Description / Justification: This project provides funding for large scale flooring renewal in schools outside of the modernization schedule, primarily Carpet and Vinyl Composition Tile.

- The future flooring replacement projects will be as follows:
- FY 2014 - North Bend Elementary School
  - FY 2015 - Darlington Elementary
  - FY 2016 - Hall's Cross Roads Elementary
  - FY 2017 - Abingdon Elementary School
  - FY 2018 - Fallston Middle School

Project Schedule: N/A  
 Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$0

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost		
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022
Engineering/Design			0							0				0
Land Acquisition			0							0				0
Construction	100,000		100,000	100,000	100,000	100,000	100,000	100,000	600,000					600,000
Inspection Fees			0							0				0
Equip. / Furn.			0							0				0
<b>Total Cost</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>600,000</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>

**FUNDING SCHEDULE**

State			0												0
Local			0	100,000	100,000	100,000	100,000	100,000	500,000						500,000
Other:			0						0						0
Harford Cty P & R			0						0						0
Harford Cty BOE	100,000		100,000						100,000						100,000
			0						0						0
<b>Total Funds</b>	<b>100,000</b>	<b>0</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>600,000</b>	<b>600,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>600,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

PROJECT MANAGER: Richard Hanzevack

PROJECT: **LOCKER REPLACEMENT**  
 DISTRICT: \_\_\_\_\_ of \_\_\_\_\_  
 TYPE OF PROJECT  
 PROJECT NUMBER

LOCATION: Various PRIORITY: \_\_\_\_\_ of \_\_\_\_\_

Project Description  
 / Justification:

This project provides funding for replacement of lockers of boys and girls locker rooms.

The following schools are scheduled in the associated budget years:

- FY 2014 - Fallston High School
- FY 2015 - C. Milton Wright High School
- FY 2016 - Bel Air Middle Media Center
- FY 2017 - Southampton Middle School
- FY 2018 - North Harford Middle School

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Sub-total	Master Plan			Total Project Cost	
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	FY 2020	FY 2021		FY 2022
Engineering/Design			0											0
Land Acquisition			0											0
Construction	430,000		430,000	125,000	130,000	135,000	140,000	145,000	1,105,000					1,105,000
Inspection Fees			0						0					0
Equip. / Furn.			0						0					0
<b>Total Cost</b>	<b>430,000</b>	<b>0</b>	<b>430,000</b>	<b>125,000</b>	<b>130,000</b>	<b>135,000</b>	<b>140,000</b>	<b>145,000</b>	<b>1,105,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,105,000</b>

**FUNDING SCHEDULE**

State			0												0
Local			0	125,000	130,000	135,000	140,000	145,000	675,000						675,000
Other:			0						0						0
Harford Cty P & R			0						0						0
Harford Cty BOE	430,000		430,000						430,000						430,000
<b>Total Funds</b>	<b>430,000</b>	<b>0</b>	<b>430,000</b>	<b>125,000</b>	<b>130,000</b>	<b>135,000</b>	<b>140,000</b>	<b>145,000</b>	<b>1,105,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,105,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost: \_\_\_\_\_  
 Annual Operating/Maintenance Cost: \_\_\_\_\_  
 New Positions (FTE's): \_\_\_\_\_

PROJECT MANAGER: Richard Hanzevack

PROJECT: **MAJOR HVAC REPAIRS** TYPE OF PROJECT \_\_\_\_\_  
 DISTRICT: \_\_\_\_\_ of \_\_\_\_\_ PROJECT NUMBER \_\_\_\_\_  
 LOCATION: Various PRIORITY: \_\_\_\_\_

Project Description / Justification:

This capital project provides funding for large major equipment repairs and replacement of HVAC equipment at various school buildings. All minor repairs are handled through the Harford County Public Schools normal maintenance operating budget.

The future year HVAC replacement projects are as follows:

- FY 14 - Ring Factory ES Chiller, Cooling Tower, Control Replacement
- FY 15 - Dublin ES Heat Pump Replacement; North Bend Elementary (1) Chiller Replacement
- FY 16 - Darlington ES Unit DX Ventilator, Air Conditioning Controls and one (1) Boiler, Prospect Mill ES Roof top units and VAV Replacement
- FY 17 - Homestead Elementary (2) Boilers and (2) Chillers Replacement; Youth's Benefit Intermediate (2) Boilers Replacement
- FY 18 - Old Post Road (2) Boilers Replacement, Joppatowne HS Boiler (2) Replacement
- FY 19 - Edgewood MS Chiller and Natorium Unit Replacement

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Sub-total	Master Plan			Total Project Cost	
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	FY 2020	FY 2021		FY 2022
Engineering/Design			0	105,000	115,000	105,000	80,000	60,000	465,000					465,000
Land Acquisition			0						0					0
Construction	9,247,746		9,247,746	1,100,000	1,350,000	1,080,000	850,000	650,000	14,277,746					14,277,746
Inspection Fees			0						0					0
Equip. / Furn.			0						0					0
<b>Total Cost</b>	<b>9,247,746</b>	<b>0</b>	<b>9,247,746</b>	<b>1,205,000</b>	<b>1,465,000</b>	<b>1,185,000</b>	<b>930,000</b>	<b>710,000</b>	<b>14,742,746</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,742,746</b>

**FUNDING SCHEDULE**

State			0	693,000	850,500	680,400	535,500	409,500	3,168,900					3,168,900
Local	2,032,768		2,032,768	512,000	614,500	504,600	394,500	300,500	4,358,868					4,358,868
Other:			0						0					0
Harford Cty P & R			0						0					0
Harford Cty BOE	3,323,455		3,323,455						3,323,455					3,323,455
Harford Cty transfer	3,891,523		3,891,523						3,891,523					3,891,523
<b>Total Funds</b>	<b>9,247,746</b>	<b>0</b>	<b>9,247,746</b>	<b>1,205,000</b>	<b>1,465,000</b>	<b>1,185,000</b>	<b>930,000</b>	<b>710,000</b>	<b>14,742,746</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,742,746</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost: \_\_\_\_\_  
 Annual Operating/Maintenance Cost: \_\_\_\_\_  
 New Positions (FTE's): \_\_\_\_\_

PROJECT MANAGER: Barry Pickelsimer

PROJECT: **MUSIC EQUIPMENT REFRESH PROGRAM** TYPE OF PROJECT PROJECT NUMBER B054112  
 DISTRICT: LOCATION: Various PRIORITY: of

Project Description / Justification: This project provides funds for the replacement of musical instruments throughout the school system. Periodic replacement of musical instruments is required due to normal wear and tear. It is important to have funds available to maintain a basic essential musical instrument inventory as established in the music departments 2002 needs assessment for elementary, middle and high schools.

Project Schedule: N/A  
 Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$0

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost		
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022
Engineering/Design			0							0				0
Land Acquisition			0							0				0
Construction			0							0				0
Inspection Fees			0							0				0
Equip. / Furn.	525,000	50,000	575,000	50,000	50,000	50,000	50,000	50,000	50,000	825,000				825,000
<b>Total Cost</b>	<b>525,000</b>	<b>50,000</b>	<b>575,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>825,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>825,000</b>

**FUNDING SCHEDULE**

State			0							0				0
Local	375,000		375,000	50,000	50,000	50,000	50,000	50,000	50,000	625,000				625,000
Other:			0							0				0
Harford Cty P & R			0							0				0
Harford Cty BOE	150,000		150,000							150,000				150,000
State Reimburse		50,000	50,000							50,000				50,000
<b>Total Funds</b>	<b>525,000</b>	<b>50,000</b>	<b>575,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>825,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>825,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

PROJECT MANAGER: James E. Boord



**PROJECT:** MUSIC TECHNOLOGY LABS PROGRAM **TYPE OF PROJECT**  
**DISTRICT:** Various **LOCATION:** \_\_\_\_\_ **PRIORITY:** \_\_\_\_\_ **PROJECT NUMBER**

**Project Description / Justification:**

The Music Technology lab project supports a comprehensive program which teaches technical and scientific aspects of music to high school students through a variety of technology arts classes. The program utilizes a music technology and multimedia lab which blends use of electronic devices, computer components, data storage, industry standard and musical instruments to facilitate composition, recording, playback, storage and performance. Competences include digital audio production, songwriting with music composition and digital video integration. This program provides students the core skills needed to enter a higher education institution for the entertainment industry. It also addresses funding for such program components as keyboards, software, computer hardware and related textbooks.

Future year budget requests will be to install new music technology labs as well to refresh hardware and software as follows:

- FY 2014 - New Labs at C. Milton Wright & refresh at North Harford High Schools FY 2018 - Fallston & Havre de Grace High Schools will be refreshed
- FY 2015 - New Labs at Harford Technical & refresh at Patterson Mill High School FY 2019 - Aberdeen & C. Milton Wright High Schools will be refreshed
- FY 2016 - New Labs at Harford Technical & refresh at Bel Air High Schools FY 2020 - Harford Technical and North Harford High Schools will be refreshed
- FY 2017 - Edgewood High School will be refreshed FY 2021 - Joppatowne High School will be refreshed

**Project Schedule:** N/A

**Project Status:** N/A

**Financial Activity:** Expended Encumbered Total  
 Date \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost		
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022
Engineering/Design			0							0				0
Land Acquisition			0							0				0
Construction			0							0				0
Inspection Fees			0							0				0
Equip. / Furn.	195,000		195,000	150,000	139,000	139,000	28,000	56,000	707,000	56,000	56,000	28,000	28,000	847,000
<b>Total Cost</b>	<b>195,000</b>	<b>0</b>	<b>195,000</b>	<b>150,000</b>	<b>139,000</b>	<b>139,000</b>	<b>28,000</b>	<b>56,000</b>	<b>707,000</b>	<b>56,000</b>	<b>56,000</b>	<b>28,000</b>	<b>28,000</b>	<b>847,000</b>

**FUNDING SCHEDULE**

	State	Local	Other:	Harford Cty P & R	Harford Cty BOE	Total Funds	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020	FY 2021	FY 2022	Total Project Cost	
State						0						0						0
Local						0	150,000	139,000	139,000	28,000	56,000	512,000	56,000	56,000	28,000			652,000
Other:						0						0						0
Harford Cty P & R						0						0						0
Harford Cty BOE						195,000						195,000						195,000
<b>Total Funds</b>						<b>195,000</b>	<b>150,000</b>	<b>139,000</b>	<b>139,000</b>	<b>28,000</b>	<b>56,000</b>	<b>707,000</b>	<b>56,000</b>	<b>56,000</b>	<b>28,000</b>	<b>0</b>	<b>0</b>	<b>847,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

**PROJECT MANAGER:** James E. Boord

PROJECT: **OUTDOOR TRACK RECONDITIONING** TYPE OF PROJECT  
 DISTRICT: LOCATION: Various of PROJECT NUMBER  
 PRIORITY:

Project Description / Justification: This account provides to maintain existing high school tracks to replace specific surface areas to provide a seamless safe surface for the use by students and the public. The funds will provide minor repair for the running tracks consisting of power washing, repair patching and new layout track lines.

Future funding requests will be used to provide improvements at two (2) high school track surfaces for each year to be determined.

Project Schedule: N/A  
 Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$0

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Sub-total	Master Plan			Total Project Cost	
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	FY 2020	FY 2021		FY 2022
Engineering/Design			0						0					0
Land Acquisition			0						0					0
Construction	175,000	25,000	200,000	25,000	25,000	25,000	25,000	25,000	325,000					325,000
Inspection Fees			0						0					0
Equip. / Furr.			0						0					0
<b>Total Cost</b>	<b>175,000</b>	<b>25,000</b>	<b>200,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>325,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>325,000</b>

**FUNDING SCHEDULE**

State	Local	Other:	Harford Cty P & R	Harford Cty BOE	State Reimburse	Total Funds	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020	FY 2021	FY 2022	Total Project Cost	
												0						0
							25,000	25,000	25,000	25,000	25,000	125,000						125,000
												0						0
												0						0
												175,000						175,000
							25,000	25,000	25,000	25,000	25,000	25,000						25,000
							175,000	25,000	25,000	25,000	25,000	325,000	0	0	0	0	0	325,000

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

PROJECT MANAGER: Ken Zorbach

PROJECT: PAVING - NEW PARKING AREAS TYPE OF PROJECT  
 DISTRICT: LOCATION: Various of PROJECT NUMBER B064126  
 PRIORITY:

Project Description / Justification:  
 Installation of new parking areas and associated storm water management.  
 Locations will be determined following a system wide needs assessment.

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$0

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost				
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022		
Engineering/Design			0							0						0
Land Acquisition			0							0						0
Construction	300,000	0	300,000							300,000						300,000
Inspection Fees			0							0						0
Equip. / Furrn.			0							0						0
<b>Total Cost</b>	<b>300,000</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

**FUNDING SCHEDULE**

	FY 2013 Budget	Appro. Total	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020	FY 2021	FY 2022	Total Project Cost
State		0						0					0
Local	0	200,000						200,000					200,000
Other:		0						0					0
Harford Cty P & R		0						0					0
Harford Cty BOE		100,000						100,000					100,000
<b>Total Funds</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

PROJECT MANAGER: Richard Hanzevack

PROJECT: **PAVING - OVERLAY AND MAINTENANCE**  
 DISTRICT: LOCATION: Various PRIORITY: of TYPE OF PROJECT  
 PROJECT NUMBER B064127

Project Description / Justification: Funding to provide bituminous concrete overlay, patching, and re-striping on existing driveways and parking lots. Associated work curbs, sidewalks, and inlets as required.

The following schools require asphalt refresh in priority order of need:  
 FY 2014 - Hickory Annex Facility Parking Area  
 FY 2015 - Magnolia Middle School (partial)  
 FY 2016 - Roye Williams Elementary School  
 FY 2017 - Joppatowne High School (full)  
 FY 2018 - Riverside Elementary School (partial)  
 FY 2019 - Halls Cross Road Elementary School

Project Schedule: N/A  
 Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$0

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Sub-total	Master Plan			Total Project Cost	
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	FY 2020	FY 2021		FY 2022
Engineering/Design			0											0
Land Acquisition			0											0
Construction	2,156,370		2,156,370	325,000	240,000	450,000	250,000	200,000	200,000	200,000				3,821,370
Inspection Fees			0											0
Equip. / Furn.			0											0
<b>Total Cost</b>	<b>2,156,370</b>	<b>0</b>	<b>2,156,370</b>	<b>325,000</b>	<b>240,000</b>	<b>450,000</b>	<b>250,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,821,370</b>

**FUNDING SCHEDULE**

	Prior Appro.	FY 2013 Budget	Appro. Total	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020	FY 2021	FY 2022	Total Project Cost
State			0						0					0
Local	1,025,740		1,025,740	325,000	240,000	450,000	250,000	200,000	2,490,740	200,000				2,690,740
Other:			0						0					0
Harford Cty P & R			0						0					0
Harford Cty BOE	1,130,630		1,130,630						1,130,630					1,130,630
<b>Total Funds</b>	<b>2,156,370</b>	<b>0</b>	<b>2,156,370</b>	<b>325,000</b>	<b>240,000</b>	<b>450,000</b>	<b>250,000</b>	<b>200,000</b>	<b>3,621,370</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,821,370</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

PROJECT MANAGER: Richard Hanzevack

PROJECT: **PLAYGROUND EQUIPMENT** TYPE OF PROJECT  
 DISTRICT: LOCATION: Various of PROJECT NUMBER B074124

PRIORITY:

Project Description / Justification:

This project provides funds for the replacement of playground equipment at elementary schools. Schools in need of new playground equipment or schools where the equipment has been deemed unsafe, are scheduled for replacement under this project. The funding source for this project is a combination of private contributions, grants, Parent Teacher Associations and Harford County Government.

The following elementary school playgrounds are scheduled for consideration in FY 2013:

Fountain Green, George D. Lisby, Edgewood & Prospect Mill Elementary Schools

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost		
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022
Engineering/Design			0							0				0
Land Acquisition			0							0				0
Construction			0							0				0
Inspection Fees			0							0				0
Equip. / Furn.	3,582,956	150,000	3,732,956	350,000	350,000	350,000	350,000	350,000	350,000	5,482,956				5,482,956
<b>Total Cost</b>	<b>3,582,956</b>	<b>150,000</b>	<b>3,732,956</b>	<b>350,000</b>	<b>350,000</b>	<b>350,000</b>	<b>350,000</b>	<b>350,000</b>	<b>350,000</b>	<b>5,482,956</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,482,956</b>

**FUNDING SCHEDULE**

State			0											0
Local	2,532,956		2,532,956	350,000	350,000	350,000	350,000	350,000	350,000	4,282,956				4,282,956
Other:			0							0				0
Harford Cty P & R			0							0				0
Harford Cty BOE	1,050,000		1,050,000							1,050,000				1,050,000
State Reimburse		150,000	150,000							150,000				150,000
<b>Total Funds</b>	<b>3,582,956</b>	<b>150,000</b>	<b>3,732,956</b>	<b>350,000</b>	<b>350,000</b>	<b>350,000</b>	<b>350,000</b>	<b>350,000</b>	<b>350,000</b>	<b>5,482,956</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,482,956</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTEs):

PROJECT MANAGER: Ginny Popiolek

PROJECT: **RELOCATABLE CLASSROOMS** TYPE OF PROJECT  
 DISTRICT: LOCATION: Various of PROJECT NUMBER

PRIORITY: of

Project Description / Justification: The funds for this account are used to provide capacity and program space for schools that show a significant need. In addition, there will be units that reach their life expectancy and need to be demolished and/or replaced. Harford County Public Schools will not need funds for FY13 but future budget requests will depend on the annual review of enrollments, school capacities and individual school needs as outlined by Board of Education Policy.

Project Schedule: N/A  
 Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$ \$0

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost		
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022
Engineering/Design			0							0				0
Land Acquisition			0							0				0
Construction	10,900,905	400,000	11,300,905	300,000	200,000	100,000	100,000	100,000	100,000	12,100,905				12,100,905
Inspection Fees			0							0				0
Equip. / Furn.			0							0				0
<b>Total Cost</b>	<b>10,900,905</b>	<b>400,000</b>	<b>11,300,905</b>	<b>300,000</b>	<b>200,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>12,100,905</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,100,905</b>

**FUNDING SCHEDULE**

State	565,956		565,956							565,956					565,956
Local	7,942,785	400,000	8,342,785	300,000	200,000	100,000	100,000	100,000	100,000	9,142,785					9,142,785
Other:			0							0					0
Harford Cty P & R			0							0					0
Harford Cty BOE	2,392,164		2,392,164							2,392,164					2,392,164
<b>Total Funds</b>	<b>10,900,905</b>	<b>400,000</b>	<b>11,300,905</b>	<b>300,000</b>	<b>200,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>12,100,905</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,100,905</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

PROJECT MANAGER: Chris Morton

PROJECT: **REPLACEMENT BUSES**  
 DISTRICT: LOCATION: Various PRIORITY: of PROJECT NUMBER B024118

Project Description / Justification: The requested FY 2013 funding allows for three (3) new special education buses. The additional special needs buses are needed for the additional students, programs and schools. These buses will comply with Federal regulations and meet the IEP requirements of special needs transportation. The State Department of Education requires that school systems replace buses after 12 years of use.

Future year replacement buses are anticipated as follows:  
 FY14 - 9 replacement (4 long and 5 special ed), 3 new special ed. buses  
 FY15 - 9 replacement (special ed.), 3 new special ed. buses  
 FY16 - 14 replacement buses (14 special ed.), 3 new special ed. buses  
 FY17 - 13 replacement buses (11 special ed. and 2 transits), 3 new special ed. buses  
 FY18 - 16 replacement buses (13 special ed. and 3 long), 3 new special ed. buses

Project Schedule: N/A  
 Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$0

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Sub-total	Master Plan			Total Project Cost
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	FY 2020	FY 2021	
Engineering/Design			0						0				0
Land Acquisition			0						0				0
Construction			0						0				0
Inspection Fees			0						0				0
Equip. / Furn.	8,544,994	288,000	8,832,994	1,226,000	1,374,000	2,033,000	2,100,000	2,557,000	18,122,994				18,122,994
<b>Total Cost</b>	<b>8,544,994</b>	<b>288,000</b>	<b>8,832,994</b>	<b>1,226,000</b>	<b>1,374,000</b>	<b>2,033,000</b>	<b>2,100,000</b>	<b>2,557,000</b>	<b>18,122,994</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,122,994</b>

**FUNDING SCHEDULE**

	Prior Appro.	FY 2013 Budget	Appro. Total	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020	FY 2021	FY 2022	Total Project Cost
State			0						0					0
Local	6,250,994		6,250,994	1,226,000	1,374,000	2,033,000	2,100,000	2,557,000	15,540,994					15,540,994
Other:			0						0					0
Harford City P & R			0						0					0
Harford City BOE	2,294,000		2,294,000						2,294,000					2,294,000
State Reimburse		288,000	288,000						288,000					288,000
<b>Total Funds</b>	<b>8,544,994</b>	<b>288,000</b>	<b>8,832,994</b>	<b>1,226,000</b>	<b>1,374,000</b>	<b>2,033,000</b>	<b>2,100,000</b>	<b>2,557,000</b>	<b>18,122,994</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,122,994</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

PROJECT MANAGER: Charlie Taibi

PROJECT: **REPLACEMENT VEHICLES** TYPE OF PROJECT  
 DISTRICT: LOCATION: Various of PROJECT NUMBER B034115

PRIORITY:

Project Description / Justification:

Funds are provided to replace facilities maintenance, transportation, food service and warehouse vehicles, staff cars, school based tractors (including smaller equipment), and facilities grounds equipment in accordance with a 5 year replacement plan which is prepared using fleet standards utilized by Harford County Government. These standards were derived from APWA (American Public Works Association) standards and are based on age, mileage and vehicle type. The plan reflects the average annual funding needs to maintain these standards. The exact vehicles to be replaced are determined each year to ensure maximum efficiency. The non-bus fleet consists of approximately 320 pieces of equipment, not including small equipment such as push mowers, weed eaters, snow blowers etc.

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$0

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Sub-total	Master Plan			Total Project Cost	
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	FY 2020	FY 2021		FY 2022
Engineering/Design			0						0					0
Land Acquisition			0						0					0
Construction			0						0					0
Inspection Fees			0						0					0
Equip. / Furn.	5,584,396		5,584,396	945,000	945,000	945,000	945,000	945,000	10,309,396					10,309,396
<b>Total Cost</b>	<b>5,584,396</b>	<b>0</b>	<b>5,584,396</b>	<b>945,000</b>	<b>945,000</b>	<b>945,000</b>	<b>945,000</b>	<b>945,000</b>	<b>10,309,396</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,309,396</b>

**FUNDING SCHEDULE**

State			0											0
Local	2,000,758		2,000,758	945,000	945,000	945,000	945,000	945,000	6,725,758					6,725,758
Other:			0						0					0
Harford Cty P & R			0						0					0
Harford Cty BOE	3,583,638		3,583,638						3,583,638					3,583,638
<b>Total Funds</b>	<b>5,584,396</b>	<b>0</b>	<b>5,584,396</b>	<b>945,000</b>	<b>945,000</b>	<b>945,000</b>	<b>945,000</b>	<b>945,000</b>	<b>10,309,396</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,309,396</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

PROJECT MANAGER: Tom Rufenacht



PROJECT: **SECURITY CAMERAS**  
 DISTRICT: LOCATION: Various PRIORITY: of TYPE OF PROJECT  
 PROJECT NUMBER B054113

Project Description / Justification: Funding for the installation of security cameras for the monitoring of interior and exterior areas in elementary schools. The FY2013 funds will be used for Abingdon, Bel Air and William S. James Elementary Schools.

- Future security camera installations will be as follows:
- FY 2014 - Churchville, Jarrettsville and Roye Williams Elementary Schools
  - FY 2015 - Darlington, Emmorton and Meadowvale Elementary Schools
  - FY 2016 - Dublin and Forest Hill Elementary Schools
  - FY 2017 - Norrisville and North Bend Elementary Schools
  - FY 2018 - Ring Factory and William Paca / Old Post Elementary Schools

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$0

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Sub-total	Master Plan			Total Project Cost	
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	FY 2020	FY 2021		FY 2022
Engineering/Design			0							0				0
Land Acquisition			0							0				0
Construction			0							0				0
Inspection Fees			0							0				0
Equip. / Furn.	1,585,000	150,000	1,735,000	255,000	265,000	275,000	285,000	290,000	290,000	3,105,000				3,105,000
<b>Total Cost</b>	<b>1,585,000</b>	<b>150,000</b>	<b>1,735,000</b>	<b>255,000</b>	<b>265,000</b>	<b>275,000</b>	<b>285,000</b>	<b>290,000</b>	<b>290,000</b>	<b>3,105,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,105,000</b>

**FUNDING SCHEDULE**

State			0							0				0
Local	700,000		700,000	255,000	265,000	275,000	285,000	290,000	290,000	2,070,000				2,070,000
Other:			0							0				0
Harford Cty P & R			0							0				0
Harford Cty BOE	885,000		885,000							885,000				885,000
State Reimburse		150,000	150,000							150,000				150,000
<b>Total Funds</b>	<b>1,585,000</b>	<b>150,000</b>	<b>1,735,000</b>	<b>255,000</b>	<b>265,000</b>	<b>275,000</b>	<b>285,000</b>	<b>290,000</b>	<b>290,000</b>	<b>3,105,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,105,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

PROJECT MANAGER: Bob Benedetto

PROJECT: **SEPTIC FACILITY CODE UPGRADES** TYPE OF PROJECT  
 DISTRICT: LOCATION: Various PRIORITY: of PROJECT NUMBER B064128

Project Description / Justification: This capital project funds septic system upgrades to the new standards of the Maryland Department of Environment. The funding allows for the design, permitting and construction of new systems as well as the repair or upgrade to failing systems currently operating.

FY13 funds will be used to relocate the Pre-Treatment facility at Red Pump Elementary School to another school as determined.

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost		
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022
Engineering/Design			0							0				0
Land Acquisition			0							0				0
Construction	4,425,413	485,179	4,910,592	0	0	0	0	0	4,910,592					4,910,592
Inspection Fees			0							0				0
Equip. / Furn.			0							0				0
<b>Total Cost</b>	<b>4,425,413</b>	<b>485,179</b>	<b>4,910,592</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,910,592</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,910,592</b>

**FUNDING SCHEDULE**

State			0												0
Local			0	0	0	0	0	0	0						0
Other:			0												0
Harford Cty P & R			0												0
Harford Cty BOE	4,425,413	0	4,425,413						4,425,413						4,425,413
State Reimburse		485,179	485,179						485,179						485,179
<b>Total Funds</b>	<b>4,425,413</b>	<b>485,179</b>	<b>4,910,592</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,910,592</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,910,592</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

PROJECT MANAGER: Keith Jewell

PROJECT: **SPECIAL EDUCATION FACILITIES IMPROVEMENTS** TYPE OF PROJECT  
 DISTRICT: LOCATION: Various of PROJECT NUMBER  
 PRIORITY:

Project Description / Justification:

This capital project funds the necessary renovation and upgrades for our facilities to comply with special education laws and mandates. The State and Local code mandates are unknown at this time, but can be issued without notice. The following are examples of general projects that may be required in the future:

- restraint and seclusion updates as mandated by reauthorization of law;
- Autism Spectrum Disorder (ASD) program and school refinements;
- moving of centers and programs as required due to spacing issues;
- securing space for a post- secondary program in the Joppatowne or Edgewood area that would provide work/enclave access for students.

Capital plans/funding are based on the implementation of IDEA and the compliance of laws and mandates associated with supporting students with disabilities in HCPS.

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$ \$0

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Sub-total	Master Plan			Total Project Cost	
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	FY 2020	FY 2021		FY 2022
Engineering/Design			0						0					0
Land Acquisition			0						0					0
Construction	100,000	100,000	200,000	100,000	100,000	100,000	100,000	100,000	700,000					700,000
Inspection Fees			0						0					0
Equip. / Furrn.			0						0					0
<b>Total Cost</b>	<b>100,000</b>	<b>100,000</b>	<b>200,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>

**FUNDING SCHEDULE**

State			0												0
Local			0	100,000	100,000	100,000	100,000	100,000	500,000						500,000
Other:			0						0						0
Harford Cty P & R			0						0						0
Harford Cty BOE	100,000		100,000						100,000						100,000
State Reimburse		100,000	100,000						100,000						100,000
<b>Total Funds</b>	<b>100,000</b>	<b>100,000</b>	<b>200,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>700,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>700,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

PROJECT MANAGER: Ann-Marie Spakowski

PROJECT: **STORM WATER MANAGEMENT, EROSION, SEDIMENT CONTROL** TYPE OF PROJECT  
 DISTRICT: Various LOCATION: \_\_\_\_\_ of \_\_\_\_\_ PROJECT NUMBER B064128  
 PRIORITY: \_\_\_\_\_

Project Description / Justification: This capital project funds the restoration of grounds and storm water management facilities including erosion control, aeration and fertilization, and control of invasive species. The FY13 funds will be used to rebuild the Fallston Middle School Stream Crossing.

The following projects will be scheduled in future budget years:

- FY 2014 - Southampton Middle School Concrete Drainage Pipe
- FY 2015 - Aberdeen High School Slumping Dam
- FY 2016 - North Harford Middle School - Storm Water Swale Repair
- FY 2017 - Emmorton Elementary School - Storm Water Management Upgrades
- FY 2018 - Fountain Green Elementary School - Storm Water Management Upgrades

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$0

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Sub-total	Master Plan			Total Project Cost	
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	FY 2020	FY 2021		FY 2022
Engineering/Design			0											0
Land Acquisition			0											0
Construction	375,000	400,000	775,000	100,000	150,000	100,000	100,000	100,000	100,000					1,325,000
Inspection Fees			0											0
Equip. / Furn.			0											0
<b>Total Cost</b>	<b>375,000</b>	<b>400,000</b>	<b>775,000</b>	<b>100,000</b>	<b>150,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,325,000</b>

**FUNDING SCHEDULE**

	FY 2013 Budget	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020	FY 2021	FY 2022	Total Project Cost
State							0					0
Local	200,000	100,000	150,000	100,000	100,000	100,000	750,000					750,000
Other:							0					0
Harford Cty P & R							0					0
Harford Cty BOE	175,000						175,000					175,000
State Reimburse	400,000						400,000					400,000
<b>Total Funds</b>	<b>375,000</b>	<b>100,000</b>	<b>150,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>1,325,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,325,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost: \_\_\_\_\_  
 Annual Operating/Maintenance Cost: \_\_\_\_\_  
 New Positions (FTE's): \_\_\_\_\_

PROJECT MANAGER: Keith Jewell

**PROJECT:** SWIMMING POOL RENOVATIONS **TYPE OF PROJECT**  
**DISTRICT:** LOCATION: Various of PROJECT NUMBER

**PRIORITY:**

**Project Description / Justification:**

This budget category is used for renovation and replacement of the infrastructure for three (3) swimming pools that are located at Edgewood, Magnolia and North Harford Middle Schools. It will also be used to provide routine maintenance based on a professional plan. It addresses current, medium and long range maintenance needs to preserve the infrastructure and the filtration system, so that it can remain viable for many years to come.

**Future projects for consideration:**

- FY 2014 - Replace key equipment and infrastructure at Magnolia Middle School
- FY 2015 - Replace key equipment and infrastructure at North Harford Middle School
- FY 2016 - Replace dehumidification units at Edgewood Middle School
- FY 2017 - Replace infrastructure at Edgewood, Magnolia and North Harford Middle Schools
- FY 2018 - Replace dehumidification units at North Harford Middle School

**Project Schedule:** N/A

**Project Status:** N/A

**Financial Activity:** Expended Encumbered Total  
 Date \$ \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Sub-total	Master Plan			Total Project Cost	
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	FY 2020	FY 2021		FY 2022
Engineering/Design			0						0					0
Land Acquisition			0						0					0
Construction	300,000		300,000	150,000	150,000	130,000	100,000	130,000	960,000					960,000
Inspection Fees			0						0					0
Equip. / Furn.			0						0					0
<b>Total Cost</b>	<b>300,000</b>	<b>0</b>	<b>300,000</b>	<b>150,000</b>	<b>150,000</b>	<b>130,000</b>	<b>100,000</b>	<b>130,000</b>	<b>960,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>960,000</b>

**FUNDING SCHEDULE**

State			0						0					0
Local			0	150,000	150,000	130,000	100,000	130,000	660,000					660,000
Other:			0						0					0
Harford Cty P & R			0						0					0
Harford Cty BOE	300,000		300,000						300,000					300,000
			0						0					0
<b>Total Funds</b>	<b>300,000</b>	<b>0</b>	<b>300,000</b>	<b>150,000</b>	<b>150,000</b>	<b>130,000</b>	<b>100,000</b>	<b>130,000</b>	<b>960,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>960,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

**PROJECT MANAGER:** Richard Hanzevack

PROJECT: **TECHNOLOGY EDUCATION LAB REFRESH** TYPE OF PROJECT PROJECT NUMBER B994124  
 DISTRICT: Various LOCATION: \_\_\_\_\_ of \_\_\_\_\_ PRIORITY: \_\_\_\_\_

Project Description / Justification:

This project provides funds to update secondary school TechEd classrooms with current equipment and technology to reflect program changes defined by MSDE and the new middle school PreEngineer program: Project Lead the Way: Gateway to Technology (GTT). The following list provides details of this budget item:

1. Purchase middle school laptop computers, printers, etc. and Engineering software for Edgewood Middle and North Harford Middle Schools (GTT-I)
2. Phase in equipment and instructional materials needed for Southampton Middle and Havre de Grace Middle (GTT-II).
3. Replacement of secondary TechEd furniture, tools and equipment, as needed.
4. Refresh and/or repair high school TechEd laptop computers, as needed.

Project Schedule: N/A

Project Status: N/A

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$0

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost		
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022
Engineering/Design			0							0				0
Land Acquisition			0							0				0
Construction	1,225,000	150,000	1,375,000	250,000	250,000	250,000	250,000	250,000	250,000	2,625,000				2,625,000
Inspection Fees			0							0				0
Equip. / Furn.			0							0				0
<b>Total Cost</b>	<b>1,225,000</b>	<b>150,000</b>	<b>1,375,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>2,625,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,625,000</b>

**FUNDING SCHEDULE**

State			0												0
Local	425,000		425,000	250,000	250,000	250,000	250,000	250,000	250,000	1,675,000					1,675,000
Other:			0							0					0
Harford City P & R			0							0					0
Harford City BOE	800,000		800,000							800,000					800,000
State Reimburse		150,000	150,000							150,000					150,000
<b>Total Funds</b>	<b>1,225,000</b>	<b>150,000</b>	<b>1,375,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>2,625,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,625,000</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost: \_\_\_\_\_  
 Annual Operating/Maintenance Cost: \_\_\_\_\_  
 New Positions (FTE's): \_\_\_\_\_

PROJECT MANAGER: LaVerne Pitts

PROJECT: **TECHNOLOGY INFRASTRUCTURE** TYPE OF PROJECT: \_\_\_\_\_  
 DISTRICT: **Various** LOCATION: \_\_\_\_\_ PRIORITY: \_\_\_\_\_ of \_\_\_\_\_ PROJECT NUMBER: **B044118**

Project Description / Justification: This project addresses critical annual investments required for a rapidly growing, technology rich environment. These investments are essential to maintain a high level of operational efficiency, avoid obsolescence, address increase bandwidth demands and preserve compatibility to industry standards for technology infrastructure components. This overarching project includes refresh programs for instructional and administrative computers; network, information security, data storage and communications equipment; servers; instructional and administrative software; antiquated auditorium/gymnasium lighting and sound systems; and corporate business systems (e-mail, ERP, & student information system). The project also encompasses the integration of multi-media interactive technologies into classrooms to promote stronger student engagement. Additionally, the project is a strategic information technology collaboration involving all the government agencies to address current and future technology initiatives of Harford County. Funding for HCPS' part of the design, implementation and maintenance of a county-wide private fiber network is coordinated under this project. The future year projections represent a place holder and the Technology Department will provide a detailed budget estimate of their actual needs.

Project Schedule: **N/A**  
 Project Status: **N/A**

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Sub-total	Master Plan			Total Project Cost	
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018		FY 2019	FY 2020	FY 2021		FY 2022
Engineering/Design			0						0					0
Land Acquisition			0						0					0
Construction			0						0					0
Inspection Fees			0						0					0
Equip. / Furn.	22,055,944	3,498,487	25,554,431	11,721,200	12,348,700	11,098,200	11,238,200	10,758,500	82,719,231					82,719,231
<b>Total Cost</b>	<b>22,055,944</b>	<b>3,498,487</b>	<b>25,554,431</b>	<b>11,721,200</b>	<b>12,348,700</b>	<b>11,098,200</b>	<b>11,238,200</b>	<b>10,758,500</b>	<b>82,719,231</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>82,719,231</b>

**FUNDING SCHEDULE**

State			0						0					0
Local	14,023,427		14,023,427	11,721,200	12,348,700	11,098,200	11,238,200	10,758,500	71,188,227					71,188,227
Other:			0						0					0
Harford Cty P & R			0						0					0
Harford Cty BOE	7,746,150		7,746,150						7,746,150					7,746,150
Recycling Revenue	286,367		286,367						286,367					286,367
State Reimburse		3,498,487	3,498,487						3,498,487					3,498,487
<b>Total Funds</b>	<b>22,055,944</b>	<b>3,498,487</b>	<b>25,554,431</b>	<b>11,721,200</b>	<b>12,348,700</b>	<b>11,098,200</b>	<b>11,238,200</b>	<b>10,758,500</b>	<b>82,719,231</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>82,719,231</b>

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost: \_\_\_\_\_  
 Annual Operating/Maintenance Cost: \_\_\_\_\_  
 New Positions (FTE's): \_\_\_\_\_

PROJECT MANAGER: **Drew Moore**

PROJECT: **TEXTBOOK/ SUPPLEMENTAL MATERIALS REFRESH** TYPE OF PROJECT  
 DISTRICT: **Various** of PROJECT NUMBER **B064129**  
 LOCATION: **Various** PRIORITY:

Project Description  
 / Justification: This project replaces textbooks, materials of instruction and supplemental materials to provide the most current content, and to implement new instructional and assessment programs.

Project Schedule: **N/A**  
 Project Status: **N/A**

Financial Activity: Expended Encumbered Total  
 Date \$ \$ \$0

**EXPENDITURE SCHEDULE**

Cost Elements	Prior Appro.	FY 2013 Budget	Appro. Total	Five Year Capital Program					Master Plan			Total Project Cost							
				FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Sub-total	FY 2019	FY 2020		FY 2021	FY 2022					
Engineering/Design			0							0									0
Land Acquisition			0																0
Construction			0																0
Inspection Fees			0																0
Equip. / Furn.	3,410,000	1,271,644	4,681,644	300,000	300,000	300,000	300,000	300,000	300,000	300,000	6,181,644								6,181,644
Total Cost	3,410,000	1,271,644	4,681,644	300,000	300,000	300,000	300,000	300,000	300,000	300,000	6,181,644	0	0	0	0	0	0	0	6,181,644

**FUNDING SCHEDULE**

State			0																	0
Local	1,010,000		1,010,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	2,510,000									2,510,000
Other:			0								0									0
Harford Cty P & R			0								0									0
Harford Cty BOE	2,400,000		2,400,000								2,400,000									2,400,000
State Reimburse		1,271,644	1,271,644								1,271,644									1,271,644
Total Funds	3,410,000	1,271,644	4,681,644	300,000	300,000	300,000	300,000	300,000	300,000	300,000	6,181,644	0	0	0	0	0	0	0	6,181,644	

**OPERATING BUDGET IMPACT:**

Estimated Annual Debt Service Cost:  
 Annual Operating/Maintenance Cost:  
 New Positions (FTE's):

PROJECT MANAGER: William Lawrence



**HARFORD COUNTY PUBLIC SCHOOLS  
CAPITAL PROJECTS COMPLETED SINCE 1990**

<b>PROJECT NAME</b>	<b>YEAR STARTED</b>	<b>YEAR COMPLETED</b>
1. Prospect Mill Elementary - Addition	1990	1990
2. Ring Factory Elementary – Original	1990	1990
3. Edgewood Middle – Elevator	1990	1991
4. Aberdeen High – North Science Renovations	1991	1992
5. North Bend Elementary – Original	1991	1991
6. Aberdeen High – North Elevator Addition	1992	1992
7. Abingdon Elementary – Original	1992	1992
8. Meadowvale Elementary – Media Center	1992	1992
9. Fallston Middle	1993	1993
10. Halls Cross Roads Elementary – Phase I	1993	1993
11. Fountain Green Elementary	1993	1993
12. Churchville Elementary – Elevator	1993	1993
13. Emmorton Elementary – Original	1994	1994
14. Church Creek Elementary – Original	1994	1994
15. Bel Air Middle – Addition	1994	1994
16. Havre de Grace Elementary – Add/Renovation	1995	1995
17. Darlington Elementary Renovation Phase II	1995	1995
18. Roye-Williams Elementary – Modernization	1995	1995
19. Joppatowne Elementary – Pre-K Addition	1995	1996
20. North Harford Middle – Elevator	1995	1995
21. Youth’s Benefit Elementary – Media Center	1995	1995
22. Edgewood High – Science Renovations	1996	1996
23. Harford Technical High – Science Renovations	1996	1996
24. Joppatowne High - Science Renovations	1996	1996
25. C. Milton Wright High – Addition	1996	1996
26. Norrisville Elementary – Addition	1996	1996
27. Wakefield Elementary – Media Center	1996	1996
28. Riverside Elementary – Pre-K Addition	1996	1996
29. Halls Cross Roads Elementary – Phase II	1996-97	1997
30. Hickory Elementary – Renovation/Addition	1996-97	1998
31. Fallston High – Science Renovations	1997	1997
32. Deerfield Elementary – Pre-K Addition	1997	1997
33. Bakersfield Elementary – Play lot	1997	1997
34. Abingdon Elementary – Pre-K Addition	1997	1997
35. Fallston High – Track Resurfacing	1997	1997
36. William Paca Elementary – Media Center	1997	1998
37. Roye-Williams Elementary –Parking lot	1997	1997
38. Magnolia Elementary – Pre-K Addition	1997	1997
39. North Harford High – Restroom Renovation	1997	1997
40. Forest Lakes Elementary	1997	1997
41. Harford Glen- Dorms/Multi-Purpose/Pavilion	1997	1998
42. Harford Glen -Site Work	1997	1997
43. Jarrettsville Elementary- Elevator	1997	1997
44. Joppatowne High- Track Resurfacing	1997	1997
45. Aberdeen High - Track Resurfacing	1997	1997

**HARFORD COUNTY PUBLIC SCHOOLS  
CAPITAL PROJECTS COMPLETED SINCE 1990**

<b>PROJECT NAME</b>	<b>YEAR STARTED</b>	<b>YEAR COMPLETED</b>
46. C. Milton Wright High – Grading	1997	1997
47. Bel Air High – Track Resurfacing	1997	1997
48. Homestead Elementary – Media Center	1998	1998
49. GDL @ Hillsdale Elementary – Media Center	1998	1998
50. Churchville Elementary – Addition/Renovations	1998	1998
51. Bel Air High – Science Renovations	1998	1998
52. Hickory Elementary – Child Find	1998	1999
53. Harford Technical High – Addition	1998-99	2000
54. North Harford High – Science Renovation	1999	1999
55. Bel Air High – Science Renovations	1999	1999
56. Havre de Grace High – Science Renovation	1999	1999
57. Bakerfield Elementary – Addition/Renovation	1999	1999
58. Prospect Mill Elementary – Pre-K Addition	1999	1999
59. C. Milton Wright High – Science Renovations	1999	1999
60. Bel Air Elementary – Pre-K Addition	1999	2000
61. Darlington Elementary – Mechanical Building	1999	1998
62. North Harford Elementary – Pre-K Addition	1999	1999
63. Forest Hill Elementary	2000	2000
64. Harford Glen – Dining Hall	2000	2000
65. Riverside Elementary – Parking lot	2000	2000
66. Meadowvale Elementary – Modernization	2000-01	2002
67. Abingdon Elementary – Addition	2001	2002
68. C. Milton Wright High – Field House	2001	2001
69. Church Creek Elementary - Addition	2001	2002
70. Edgewood Elementary –Addition/Renovation	2001	2003
71. Bel Air High – Technology Lab Renovation	2001	2002
72. Joppatowne Elementary – Parking Lot	2001	2001
73. Aberdeen High – New	2001-04	2004
74. Havre de Grace High – Track Complex	2002	2004
75. Havre de Grace High – Technology Labs	2002	2002
76. Southampton Middle – Improvements	2003	2003
77. C. Milton Wright High – Improvements	2003	2004
78. Aberdeen High – Math & Science Academy	2004	2004
79. Edgewood Middle – HVAC	2004-05	2006
80. North Harford High - Modernization	2004-07	2007
81. Fallston Middle Improvements	2005	2006
82. Prospect Mill Elementary Health Suite	2005	2005
83. Patterson Mill Middle High School	2005-07	2007
84. Aberdeen High – Addition	2007	2008
85. Prospect Mill Elementary Renovation	2007	2008
86. Joppatowne Elementary Modernization	2007-09	2009
87. Bel Air High School Replacement	2007-09	2009
88. Deerfield Elementary School Replacement	2009-10	2010
89. Edgewood High School Replacement	2009-10	2010
90. Red Pump Elementary School	2010-11	2011